

Memorandum

Glenn
Tennessee Oil
1-175-24E

To: District Oil and Gas Engineer, Mr. Edward Guynn

From: Mining, Supervisor, Mr. Jackson W. Moffitt

Subject: Application for Permit to Drill (form 9-331c) Federal oil and gas lease No. 11-38838 Well No. 1-5

1. The location appears potentially valuable for:

- ☐ strip mining*
- ☒ underground mining** *Coal*
- ☐ has no known potential.

2. The proposed area is

- ☐ under a Federal lease for _____ under the jurisdiction of this office.
- ☒ not under a Federal lease under the jurisdiction of this office.
- ☒ Please request the operator to furnish resistivity, density, Gamma-Ray, or other appropriate electric logs covering all formations containing potentially valuable minerals subject to the Mineral Leasing Act of 1920.

*If location has strip mining potential:

Surface casing should be set to at least 50 feet below the lowest strip minable zone at _____ and cemented to surface. Upon abandonment, a 300-foot cement plug should be set immediately below the base of the minable zone.

**If location has underground mining potential:

The minable zones should be isolated with cement from a point 100 feet below the formation to 100 feet above the formation. Water-bearing horizons should be cemented in like manner. Except for salines or water-bearing horizons with potential for mixing aquifers, a depth of 4,000 feet has been deemed the lowest limit for cementing.

Signed *Allen J. Vance*

RECLAMATION PROCEDURES IN GRAND RESOURCE AREA

1. Disk or rip pads and access roads.
 - a. Overlap passes in order to insure complete treatment.
2. Contour pads and access roads.
 - a. Lay berms into centers.
 - b. Use cut material for fill areas.
 - c. Lay stockpiled surface soil over top of pads and spread evenly.
 - d. On highly erosive soils, it may be more beneficial to grade slopes to reduce steepness.
 - e. Do not smooth pads out, leave a roughened surface. On steeper slopes and slopes with clayey soils scarify or serrate the ground in order to increase water infiltration and reduce erosion.
3. Water bar roads where required by this office.

* 2%	Grade	-	200 ft. intervals
2-4%	Grade	-	100 ft. intervals
4-5%	Grade	-	75 ft. intervals
5%	Grade	-	50 ft. intervals

* Actual spacing may vary according to soil stability. Lighter textured soils will require more frequent water bars. When natural drainage ways are present, water bars are to be constructed to make maximum use of them. Plan operations so that natural drainage ways do not become blocked.
4. Seed roads and pads in the fall (Oct. through mid-Dec.).

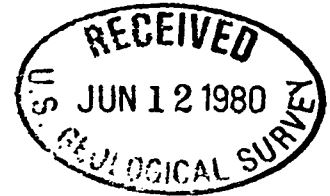


United States Department of the Interior

BUREAU OF LAND MANAGEMENT
Moab District
Grand Resource Area
P. O. Box M
Moab, Utah 84532

IN REPLY REFER

3100
(U-603)



June 10, 1980

Memorandum

To: Oil & Gas Office, USGS Conservation Division,
P.O. Box 1037, Vernal, Utah
From: Area Manager, Grand Acting
Subject: Tenneco Oil Company
Reinauer 1-5, Lease U-38838
SW/NW Section, T. 17 S., R. 24 E.
Grand County, Utah

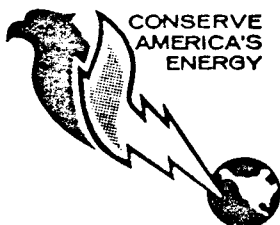
On May 29, 1980, a representative from this office met with Cody Hansen, USGS, and Lee Freeman agent of Tenneco Oil & Gas Company for an inspection of the above referenced location. Subject to the attached conditions, I am approving the surface management portion of the Application for Permit to Drill.

The archaeological requirement has been fulfilled on this location. No threatened or endangered flora or fauna are indicated in the area.

Please forward the enclosed information to Tenneco Oil & Gas Company.

David C. Meier

Enclosures (2)
1-Reclamation Procedures
2-Seed Mixture



Save Energy and You Serve America!

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK
DRILL ☒ DEEPEN ☐ PLUG BACK ☐
b. TYPE OF WELL
OIL WELL ☐ GAS WELL ☒ OTHER ☐
SINGLE ZONE ☒ MULTIPLE ZONE ☐

2. NAME OF OPERATOR

TENNECO OIL COMPANY

3. ADDRESS OF OPERATOR

720 So. Colorado Blvd., Denver, Co. 80222

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)
At surface 1540 FNL & 810 FWL SW NW

At proposed prod. zone

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*

20 miles North, Northwest of Westwater, Utah

15. DISTANCE FROM PROPOSED*

LOCATION TO NEAREST
PROPERTY OR LEASE LINE, FT. 810
(Also to nearest drlg. unit line, if any)

18. DISTANCE FROM PROPOSED LOCATION*
TO NEAREST WELL, DRILLING, COMPLETED,
OR APPLIED FOR, ON THIS LEASE, FT.

16. NO. OF ACRES IN LEASE

1379.64

19. PROPOSED DEPTH

6370

17. NO. OF ACRES ASSIGNED
TO THIS WELL

348.44

20. ROTARY OR CABLE TOOLS

Rotary

22. APPROX. DATE WORK WILL START*

6/80

21. ELEVATIONS (Show whether DF, RT, GR, etc.)

6834 Ground

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
8 3/4"	7" New	23#K55	1900+'	Circulate to surface
6 1/4"	4 1/2" New	10.5#K55	6370 +'	Cover all possible productive zones

See attached

Cultural Resource inspection report attached

APPROVED BY THE DIVISION
OF OIL, GAS, AND MINING

DATE: _____

BY: _____

RECEIVED
JUL 07 1980

State of Utah, Department of Natural Resources
Division of Oil, Gas, and Mining
1203 West North Temple
Salt Lake City, Utah 84116

DIVISION OF

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24.

SIGNED

Staff Production Analyst

TITLE Staff Production Analyst

DATE 4/23-80

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

APPROVED BY

W. W. Martin

TITLE

FOR

E. W. GUYNN
DISTRICT ENGINEER

DATE

JUL 03 1980

CONDITIONS OF APPROVAL, IF ANY:

CONDITIONS OF APPROVAL ATTACHED
TO OPERATOR'S COPY

*See Instructions On Reverse Side

FLARING OR VENTING OF
GAS IS SUBJECT TO NTL 4-A
DATED 1/1/80

NOTICE OF APPROVAL

Utah O. & G.

**** FILE NOTATIONS ****

DATE: July 8, 1980
OPERATOR: Tenneco Oil Company
WELL NO: Reinamer # 1-5
Location: Sec. 1 T. 17S R. 24E County: Grand

File Prepared: ☒
Card Indexed: ☒

Entered on N.I.D: ☒
Completion Sheet: ☒

API Number 43-019-30697

CHECKED BY:

Petroleum Engineer: M.S. Minder 9-17-80

Director: _____

Administrative Aide: hold for application from Tenneco 7/80
OK per spacing order

APPROVAL LETTER:

Bond Required: ☐

Survey Plat Required: ☐

Order No. 165-4 6/28/79

O.K. Rule C-3 ☐

Rule C-3(c), Topographic Exception - company owns or controls acreage within a 660' radius of proposed site

Lease Designation ☒

Plotted on Map ☒

Approval Letter Written ☒

Hot Line ☒

P.I. ☒

#3

UNIT STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK DRILL ☒ DEEPEN ☐ PLUG BACK ☐

b. TYPE OF WELL OIL WELL ☐ GAS WELL ☒ OTHER ☐ SINGLE ZONE ☒ MULTIPLE ZONE ☐

2. NAME OF OPERATOR TENNECO OIL COMPANY

3. ADDRESS OF OPERATOR 720 So. Colorado Blvd., Denver, Co. 80222

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)*
At surface 1540 FNL & 810 FWL
At proposed prod. zone SW NW

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*
20 miles North, Northwest of Westwater, Utah

15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any) 810
16. NO. OF ACRES IN LEASE 1379.64

18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT. 6370
19. PROPOSED DEPTH 6370

21. ELEVATIONS (Show whether DF, RT, GR, etc.) 6834 Ground

23. PROPOSED CASING AND CEMENTING PROGRAM

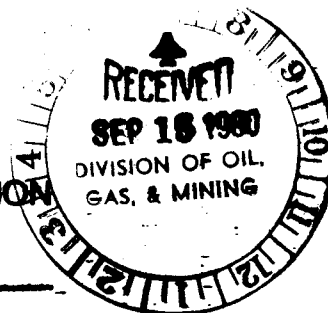
SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH
8 3/4"	7" New	23#K55	1900+'
6 1/4"	4 1/2" New	10.5#K55	6370 +'

QUANTITY OF CEMENT
Circulate to surface
Cover all possible productive zones

See attached

Cultural Resource inspection report attached

APPROVED BY THE DIVISION
OF OIL, GAS, AND MINING
DATE: 9-17-80
BY: M. L. Minner



IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24. SIGNED M. L. Minner TITLE Staff Production Analyst DATE 4/23-80

(This space for Federal or State office use)

PERMIT NO. 43-09-30097 APPROVAL DATE 9/17/80

APPROVED BY W. P. Martine FOR E. W. GUYNN DISTRICT ENGINEER DATE JUL 03 1980
CONDITIONS OF APPROVAL, IF ANY:

CONDITIONS OF APPROVAL ATTACHED

*See Instructions On Reverse Side

NOTICE OF APPROVAL

FLARING OR VENTING OF
GAS IS SUBJECT TO NTL 4-A
DATED 1/1/80

Operator

10-12-56
(SPRING)



4359000m N

T. 16 S

T. 17 S

4358

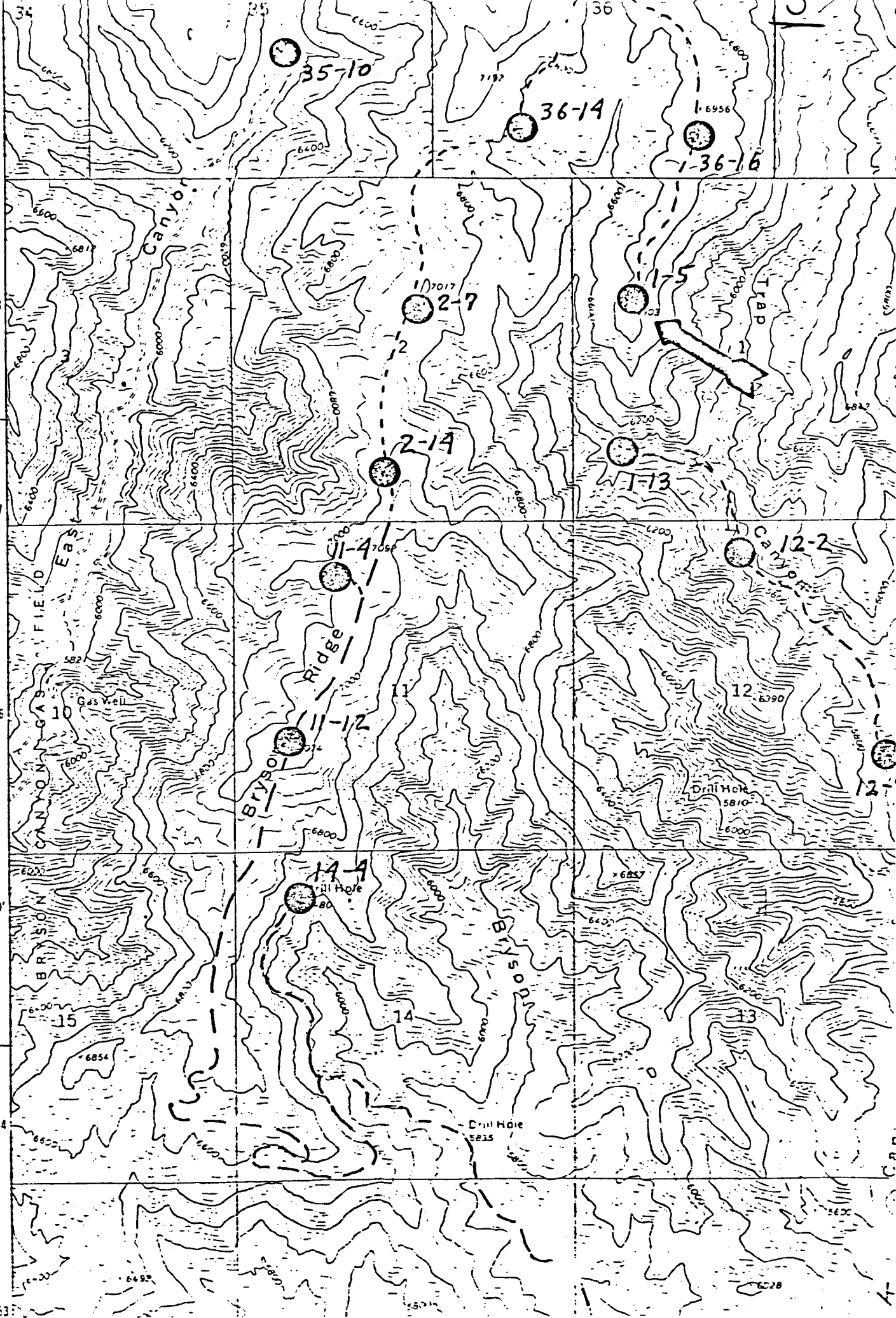
4357

4356

20'

4354

4353



1. The geological name of the surface formation:
- 2 & 3. Estimated Formation Tops:

(See Attached Drilling Procedure)
4. Proposed Casing Program:

(See Attached Drilling Procedure)
5. Blowout Preventors:
Hydraulic double ram. One set of rams will be provided each size drill pipe in the hole. One set of blind rams at all times. Fill line will be 2", kill line will be 2", choke relief line will be 2". BOP's, drills and tests will be recorded in the driller's log. BOP will be tested every 24 hours and recorded in IADC Log. ✓
6. Mud Program: (Sufficient quantity of mud and weight material will be available on location).

(See Attached Drilling Procedure.)
7. Auxiliary Equipment:
 - a. Kelly cock will be in use at all times.
 - b. Stabbing valve to fit drill pipe will be present on floor at all times.
 - c. Mud monitoring will be visual. No abnormal pressures are anticipated.
 - d. Floats at bits.
 - e. Drill string safety valve(s) to fit all pipe in drill string will be maintained on the rig floor while drilling operations are in progress.
8. Coring, Logging, and Testing Program:

(See Attached Drilling Procedure)
9. No abnormal pressures, temperatures or potential hazards such as H₂S are expected to be encountered.
10. The drilling of this well will start approximately (May/June) and continue for 10 to 12 days.

Your office will be notified of spudding in sufficient time to witness cementing operations. Immediate notice will be given on blowouts, fires, spills, and accidents involving life threatening injuries or loss of life. Prior approval will be obtained before appreciably changing drilling program or commencing plugging operations, plug back work, casing repair work or corrective cementing operations.

PROGNOSIS TO DRILL AND COMPLETEDIVISION: ROCKY MOUNTAINDATE: September 26, 1979LEASE: FederalWELL NO.: 1-5LOCATION: 1540 FNL, 810 FWL
Sec. 1, T 17S, R 24E
Grand County, UtahFIELD:ESTIMATED ELEVATION: 6860' G.L.ESTIMATED TOTAL DEPTH: 6370'PROJECTED HORIZON: MorrisonDRILLING, CASING AND CEMENT PROGRAM:

- (1) MIRURT.
- (2) Set 1-2 jts. of 9 5/8" casing to be used as conductor pipe.
- (3) Drill 8 3/4" hole to 1900' or 200' ± into the Mancos Formation.
- (4) Run 7" surface casing to T.D. Cement with sufficient volume to circulate cement to surface.
- (5) WOC. NU BOP's, etc. Pressure test BOP's, manifold; etc. to 1500 psi for 15 minutes. Drill out shoe.
- (6) Drill 6 1/4" hole to TD.
- (7) Log well as per G.E. Dept. recommendations.
- (8) If productive, run 4 1/2" casing to TD. Cement with sufficient volume to cover all possible productive zones. If non-productive, P & A as per regulatory agency specifications.

ESTIMATED FORMATION TOPS:

Mesa Verde	Surface
Mancos	1750'
Castlegate	2000'
Frontier	5265'
Dakota Silt	5520'
Dakota	5630' Gas
Morrison	5745' Gas
Salt Wash	6170' Gas
Entrada	N/A
TD	6370'

DRILLING MUD PROGRAM:

0 - 1900' Air/mist If mud up is necessary: WT. - \pm 9.0 ppg.
1900' - TD Vis. - as needed.
 W.L. - 10-15 cc.

CORING AND TESTING PROGRAM:

NONE

DEVIATION SURVEYS:

1. Survey surface hole at 100' intervals. Maximum allowable deviation at
2. FROM SURFACE TO TOTAL DEPTH DEVIATION SURVEYS MUST BE TAKEN EVERY 500' OR EACH TRIP WHICHEVER IS FIRST. This may entail running the TOTCO on wireline. Record each survey on the AAODC Drilling Report Sheet. Maximum allowable change in deviation is 1° per 100'.

SAMPLES:

NONE

WELL SURVEYS:

SNP/GR)
FDC/GR) Air Drilled
DIL)

FDC/CNL)
DIL/LL8 w/SP.) Mud Drilled

BOP:

PREVENTORS MUST BE CHECKED FOR OPERATION EVERY 24 HOURS, AND THE CHECK MUST BE RECORDED ON THE AAODC DRILLING REPORT SHEET.

REPORTS

Drilling reports for the past 24 hours will include depth, footage, time distribution, activity breakdown, mud properties, bit record, bottom hole assembly, daily and cumulative mud costs, plus any other pertinent information; will be called into Tenneco Oil Company, Denver, Colorado between 7:30 A.M. and 8:00 A.M.

1. 303-758-7130 (office) - Don Barnes
303-758-7287 - Don Barnes private line - Monday-Friday (before 7:45 A.M.)
2. 303-936-0704 (home) - Don Barnes - weekends and holidays
3. 303-795-0221 (home) - John Owen - if Don Barnes not available

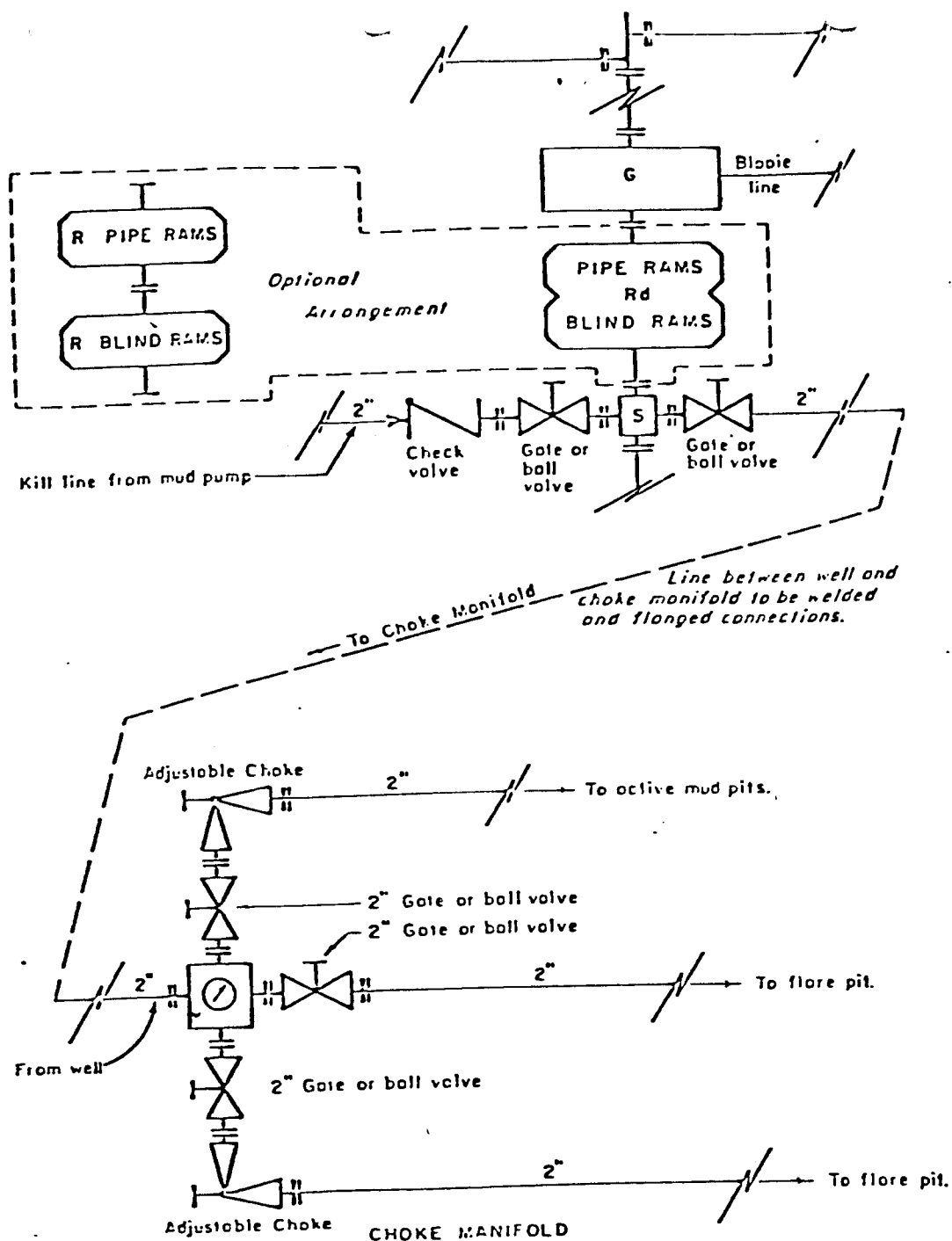
The yellow sheet of the IADC Report to be filled out completely, the original copy of the drilling time recorder, and copies of any invoices from this well signed and received for Tenneco Oil Company will be mailed daily to:

TENNECO OIL COMPANY
PENTHOUSE
720 SOUTH COLORADO BOULEVARD
DENVER, COLORADO 80222

ATTENTION: DRILLING DEPARTMENT

In case of an emergency, notify the following:

1. Mr. Don Barnes, Division Drilling Engineer - 303-936-0704.
2. Mr. John Owen, Project Drilling Engineer - 303-795-0221
3. Mr. Mike Lacey, Division Production Manager - 303-979-0509.



All equipment to be 3,000 psi working pressure except as noted.

Rd Double ram type preventer with two sets of rams.

R Single ram type preventer with one set of rams.

S Drilling spool with side outlet connections for choke and kill lines.

G Rotating head 150 psi working pressure minimum

ARRANGEMENT C

TENNECO OIL COMPANY
ROCKY MOUNTAIN DIVISION
REQUIRED MINIMUM
BLOWOUT PREVENTER AND
CHOKE MANIFOLD

J. MAGILL 10-26-79 EVI

1. Existing Roads

- A. Proposed Well Site Location: Is atop Bryson ridge,
See Exhibit 3. The proposed site is located 1540FNL
810 FWC Section 1, T.175., R.24E. Grand County, Utah
- B. Planned Access Route:

See Exhibit 2
- C. Access Road Labelled:

Color Code: Red - Improved Surface
Blue - New Access Road
- D. Not applicable - the proposed well is a development well.
- E. The proposed well is a development well. See Exhibit
for existing roads within a one mile radius.
- F. Existing Road Maintenance or Improvement Plan:
The existing roads will require minimal maintenance.

2. Planned Access Roads

(All roads are existing roads.)

- A. Width:
The average width of the road is twenty feet.
- B. Maximum Grades: 20% on Bryson Ridge Road. All other
grades less than 15%.
- C. Turnouts:
There are no turnouts planned as sight distance is
sufficient.
- D. Drainage Design:
The road will be center crowned to allow drainage. The road
will take the path of least resistance.
- E. Culverts Use Major Cuts and Fills:
Maximum cut of 30', maximum fill of 12'. Culverts will be
placed as needed.
- F. Surfacing Material:
Native soil will be wetted, bladed and compacted to
make the new road surface. Existing roads will be maintained.

2. Planned Access Roads (Cont'd)

- G. Gates, Cattleguards, Fence Cuts:
No gates, cattleguards or fences will be needed.
- H. New Roads Centerlined Flagged:
Existing Roads. See Exhibit II

3. Location of Existing Wells

The proposed well is a development well. Exhibit shows existing wells within a one mile radius.

- A. Water Wells: NA
- B. Abandoned Wells: NA
- C. Temporarily Abandoned Wells: NA
- D. Disposal Wells: NA
- E. Drilling Wells: NA
- F. Producing Wells: See Exhibit NA
- G. Shut-In Wells: NA
- H. Injection Wells: NA
- I. Monitoring or Observation Wells: None.

4. Location of Existing and/or Proposed Facilities

- A. Existing facilities within one mile owned or controlled by Lessee/Operator: None

- (1) Tank batteries - NA
- (2) Production facilities - NA
- (3) Oil Gathering Lines - NA
- (4) Gas Gathering Lines - NA
- (5) Injection Lines - NA
- (6) Disposal Lines - NA

- B. New facilities in the event of production:

- (1) New facilities will be within the area of disturbance
- (3) Construction Materials/Methods:
Construction materials will be native to the site.
Facilities will consist of a well pad.
- (4) Protection of Wildlife/Livestock: _____
Pits will be fenced to protect wildlife and/or livestock

4. Location of Existing and/or Proposed Facilities (Cont'd)

- B. New facilities in the event of production: (cont'd)
(5) wellhead, tank and production unit
- C. Rehabilitation of Disturbed Areas:
Following the completion of construction, those areas required for continued production will be graded to provide drainage and minimize erosion. Those areas unnecessary for use will be graded to blend with surrounding topography per BLM recommendations.

5. Location and Type of Water Supply

- A. Location and type of water supply:
Water will be purchased from Bill Buniger
- B. Water Transportation System:
Water trucks will be used.
- C. Water wells:
N/A.

6. Source of Construction Materials

- A. Materials:
Construction materials will consist of soil native to the site. Any topsoil, if present, will be stripped and stockpiled as needed.
- B. Land Ownership;
The planned site and access road is on federal land administered by the Bureau of Land Management.
- C. Materials Foreign to the Site:
N/A.
- D. Access Roads: Exhibit II
No additional roads will be required.

7. Methods for Handling Waste Disposal

- A. Cuttings:
Cuttings will be contained in the reserve pit.
- B. Drilling Fluids:
Drilling fluids will be retained in the reserve pit.
- C. Produced Fluids:
Produced fluids, including produced water will be collected in the reserve pit. Any small amount of hydrocarbon that may be produced during testing will be retained in the reserve pit. Prior to clean up operations, the hydrocarbon material will be skimmed.

7. Methods for Handling Waste Disposal (Cont'd)

- D. Sewage:
Sanitary facilities for sewage disposal will consist of at least one pit toilet, during the driller operations. The pit will be backfilled immediately following completion of the drilling operation.
- E. Garbage:
There probably will not be much putrescible garbage to dispose of. However, it will be disposed of along with the refuse in a constructed burn pit, which will be fenced. The small amount of refuse will be burned and the pit will be covered with a minimum 36 inch cover upon completion.
- F. Clean-Up of Well Site:
Upon the release of the drilling rig, the surface of the drilling pad will be prepared to accommodate a completion rig, if testing indicates potential productive zones. In either case, the "mouse hole" and "rat hole" will be covered to eliminate a potential hazard to livestock. The reserve pit will be fenced to prevent entry of livestock until the pit is backfilled. Reasonable clean up will be performed prior to final restoration of the site.

8. Ancillary Facilities

None required.

9. Well Site Layout

- A.
- B. Location of pits, etc. See Exhibit IV
- C. Rig orientation etc. See Exhibit IV
- D. Lining of pits:
Pits will not be lined. They will be covered with a fine mesh netting, if necessary, for the protection of wildlife if fluids are found to be toxic.

10. Plans for Restoration of Surface

- A. Reserve pit clean up:
The pit will be fenced prior to rig release and shall be maintained until clean up. Prior to backfilling any hydrocarbon material on the pit surface will be removed. The fluids and solids contained in the pit shall be backfilled with soil excavated from the site and with soil adjacent to the reserve pit. The restored surface of the reserve pit will be contoured as needed to minimize erosion. The reserve pit area will be seeded per BLM recommendations during the appropriate season following final restoration of the site.

10. Plans for Restoration of Surface (Cont'd)

- B. Restoration Plans - Production Developed:
The reserve pit will be backfilled and restored as described under Item A. In addition, those disturbed areas not required for production will be graded to blend with the surrounding topography, and seeded, per BLM recommendations. The portion of the drill pad required for production and turning areas will be graded to minimize erosion and provide access to production facilities under inclement conditions. Following depletion and abandonment of the site, restoration procedures will be those under Item C. below.
- C. Restoration Plan - No Production Developed:
The reserve pit will be restored as described above. With no production developed, the entire surface disturbed by construction of the drilling pad will be restored. The site will be contoured to blend with the surrounding topography. The site will be seeded according to BLM recommendations. If the new access road is not required for other development plans, it will be obliterated and restored and seeded per BLM recommendations.
- D. Rehabilitation Time Table:
Upon completion of operations the initial clean up of the well site will be performed. Final restoration of the site will be performed as soon as possible according to procedural guidelines published by the USGS and BLM. Seeding of the disturbed areas which are no longer required will be performed during the appropriate season, following final restoration.

11. Other Information

- A. Surface Description: The proposed site is located atop Bryson Ridge at an elevation of 6834'. Vegetation consists primarily of pinon, juniper and native grasses.
- B. Surface Use Activities:
The surface is federally owned and managed by the BLM. The predominant surface use is mineral exploration and production.
- C. Proximity of Water, Dwellings and Historical Sites:
1. Water:
There are no reservoirs or streams in the immediate area.
 2. Occupied Dwellings:
There are no occupied dwellings or buildings in the area.
 3. Sites:
An archeological reconnaissance has been performed for this location and clearance has been granted.

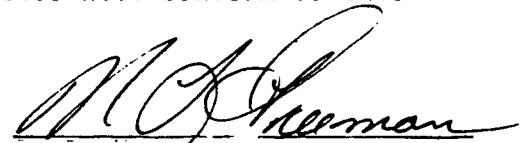
12. Operator's Field Representative

Donald S. Barnes
Division Drilling Engineer
Tenneco Oil Company
720 South Colorado Blvd.
Penthouse
Denver, CO 80222
(303) 758-7130 Ext. 212

13. Certification

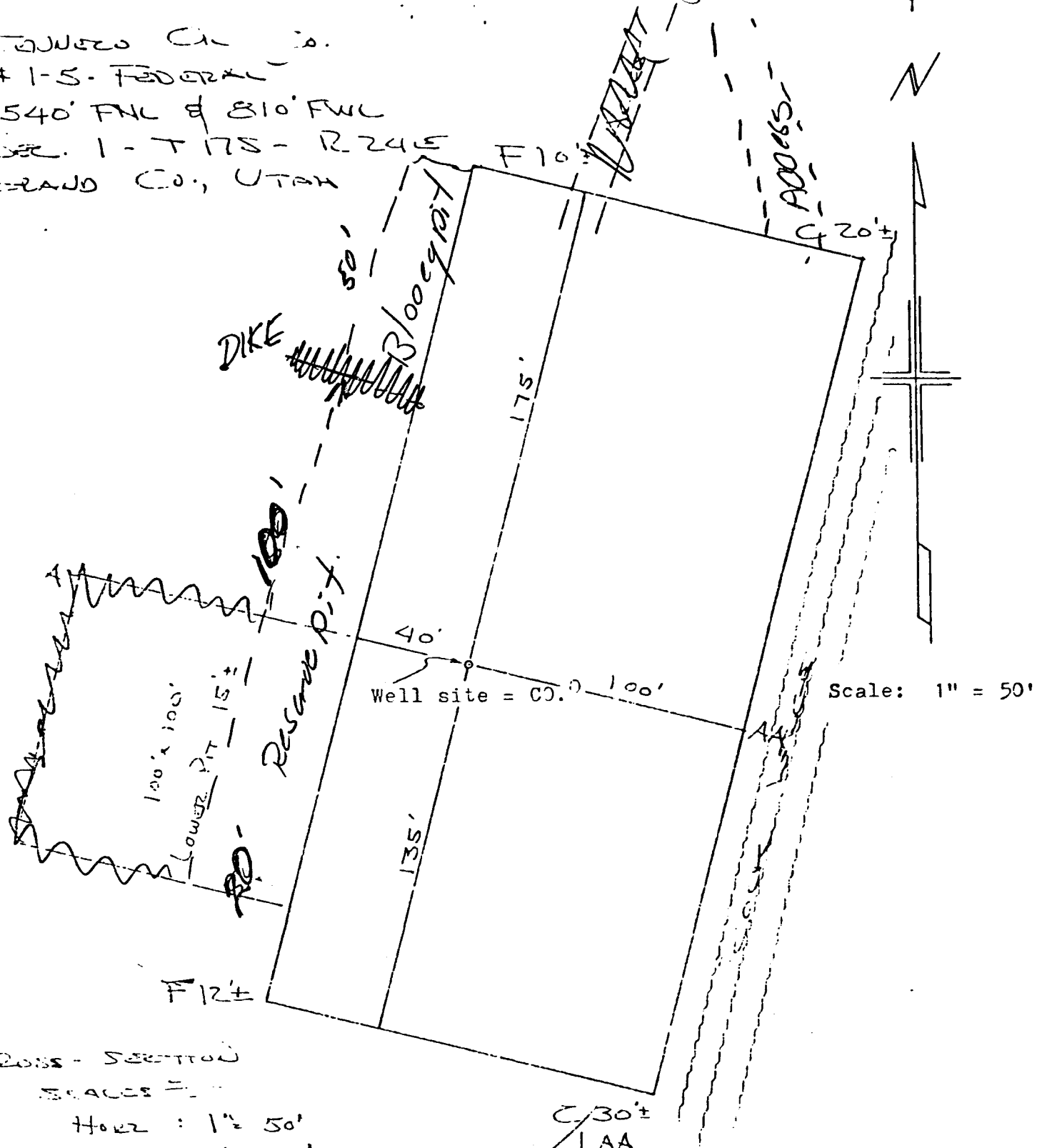
I hereby certify that I, or persons under my direct supervision, have inspected the proposed drill site and access route; that I am familiar with the conditions as they actually exist; that the statements made in this plan are, to the best of my knowledge, true and correct; and that the proposed work performed by Tenneco Oil Company and its contractors and subcontractors will conform to this plan.

Date: 4/23/80



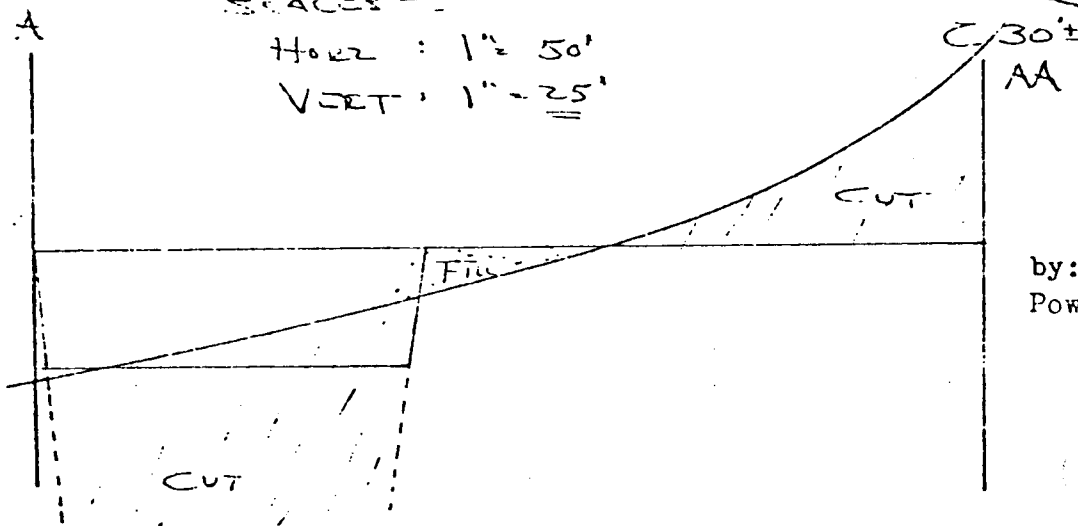
M. L. Freeman
Staff Production Analyst

TOWN OF C.R. Co.
 #1-5-FEDERAL
 1540' FNL & 810' FNL
 SEC. 1-T17S-R24E F10
 GRAND CO., UTAH



CROSS-SECTION
 SCALES =

HORIZ : 1" = 50'
 VERT : 1" = 25'



by: R. J. M. W.
 Powers Elevation Company, Inc.
 10 Nov 79

CALCULATION SHEET

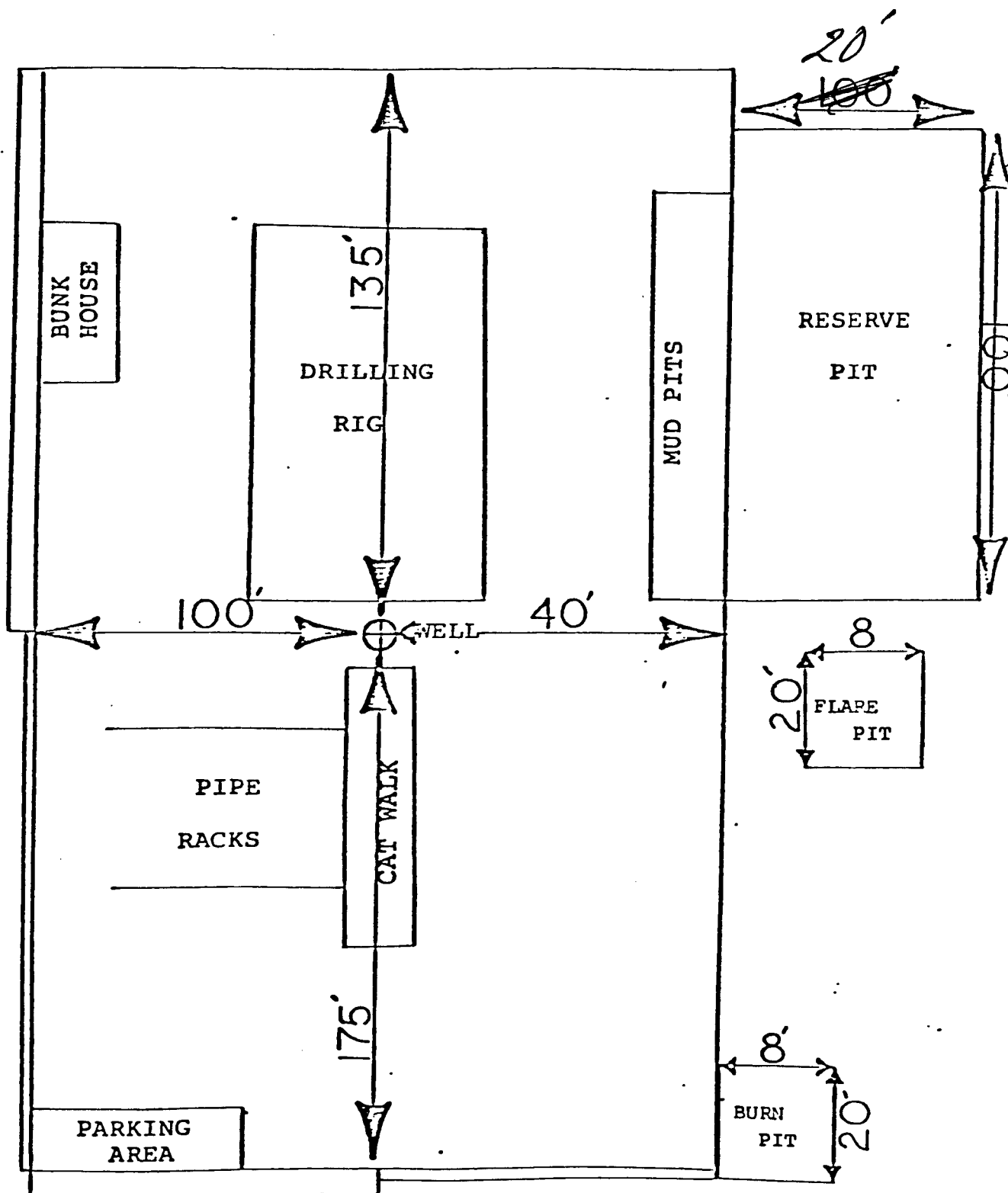
EXHIBIT

DRILLING WELL SITE LAYOUT

REINACER 1-5

DATE

9/23/80



FROM: : DISTRICT GEOLOGIST, ME, SALT LAKE CITY, UTAH T. 17 S., R. 24 E SLM
TO: : DISTRICT ENGINEER, O&G, SALT LAKE CITY, UTAH - Sec 1
SUBJECT: APD MINERAL EVALUATION REPORT LEASE NO. USA-U-38838
OPERATOR: Tenneco Oil Company WELL NO. 1-5
LOCATION: NE $\frac{1}{4}$ SW $\frac{1}{4}$ NW $\frac{1}{4}$ sec. 1, T. 17 S., R. 24 E., SLM
Grand County, Utah

. Stratigraphy: Operator tops appear reasonable

Price River: Surface	Dakota	5630
MancoS 1750	Morrison	5745
Castlegate 2000	Salt Wash	6170
Frontier 5265	TD	6370
Dakota Silt 5520		

. Fresh Water:

See attached WRD report

. Leasable Minerals:

Coal beds exist in the Price River Fm. & Dakota SS.
All beds are thin and currently subeconomic
Gas in Dakota, Cedar Mtn., & Morrison

. Additional Logs Needed: Adequate

. Potential Geologic Hazards: None anticipated

. References and Remarks: Monograph Series #2

Signature: Gregory W. Wood Date: 5 - 10 - 80

16 MAY REC'D

8. (D-17-24)6 cba

Depths of Fresh-Water Zones

Oil Inc., Horse Point Unit No. M-7

2814 fnl, 735 fwl, sec. 6, T 17 S, R 24 E, SLBM, Grand County, Utah
Elev. 6076 ft.

Surface casing to 1850, proposed test to 5900 ft.

In this vicinity the deepest fresh-water zone is the Castle Gate Mem of the Mancos Shale:

Castle Gate Mem 1500 - 1600 aquifer, may contain fresh water or water not too brackish to be used by stock.

Deeper formations, if aquifers, may yield salty water or brine.

CTS
12-2-69

Oil and Gas Drilling

EA #399-80

United States Department of the Interior
Geological Survey
2000 Administration Bldg.
1745 West 1700 South
Salt Lake City, Utah 84104

Usual Environmental Analysis

Date: June 16, 1980

Operator: Tenneco Oil Company Project or Well Name and No.: 1-5

Location: 1540' FNL & 810' FWL Sec. 1 T. 17S R. 24E

County Grand State: Utah Field/Unit Morrison

Lease No. U-38838 Permit No.. N/A

Joint Field Inspection Date: May 29, 1980

Prepared By. Craig Hansen

Field Inspection Participants, Titles and Organizations.

Craig M. Hansen	U.S.G.S. - Vernal, Utah
Elmer Duncan	BLM - Moab, Utah
Lee Freeman	Tenneco Oil Company
Bill Bunniger	Dirt Contractor

lj 6/19/80

Admin Comp? 6/21/80 2:15 PM 3310 ac 896152

DISCRIPTION OF PROPOSED ACTION

Proposed Action:

1. Location State Utah

County: Grand

1540' FNL, 810' FWL, SW 1/4 NW 1/4

Section 1, T17S, R24E, S L M.

2. Surface Ownership Location: Public.

Access Road: Public.

Status of
Reclamation Agreements Not Applicable.

3. Dates APD Filed: April 28, 1980 .

APD Technically Complete. May 6 1980 .

APD Administratively Complete: May 22, 1980.

4. Project Time Frame

Starting Date: Upon approval .

Duration of Drilling activities: 12 days.

A period of 30 to 60 days is normally necessary to complete a well for production if hydrocarbons are discovered. If a dry hole is drilled, recontouring and reseeding would normally occur within one year, revegetation or restoration may take several years. If the well is a producer, an indefinite period of time would occur between completion and rehabilitation.

5. Related actions of other federal or state agencies and Indian tribes:

None known.

6. Nearby pending actions which may affect or be affected by the proposed action:

None known.

7. Status of Variance Requests:

None known.

The following elements of the proposed action would/could result in environmental impacts:

1. A drill pad 140' wide x 310' long and a reserve pit 20' x 150' would be constructed. Approximately 5 miles of new access road, averaging 18' in width would be constructed from a maintained road. 3.3 acres of disturbed surface would be associated with the project.
2. Drilling.
3. Waste disposal. A trash cage will be used.
4. Traffic.
5. Water requirements. A Permit will be obtained from a Private Lessee.
6. Completion.
7. Production.
8. Transportation of hydrocarbons.

Details of the proposed action are described in the Application for Permit to Drill.

The access road was changed per the attached map to reduce grade and avoid drainage.

Environmental Considerations of the Proposed Action:

Regional Setting/Topography: The location is on the south face of Book Cliffs on top of a east-west trending ridge of sandstone and shale with steep canyons to the north and south of the location.

PARAMETER

- A. Geology: The surface formation is the *Price River* Mesaverde, cretaceous in age.

Information Source Field Observaation.

1. Other Local Mineral Resources to be Protected Coal beds exist in the Price River Formation and Dakota sandstone.

Information Source: Mineral Evaluation Report.

- a. Land Stability. The surface would remain relatively stable until soil became saturated then heaving, sluffing and heavy erosion would take place.

Information Source Field Observation.

- b. Subsidence. Withdrawal of fluids could cause subsidence, however the composition of the producing zones will reduce this hazard therefore none is anticipated.

Information Source "Environmental Geology", E. A. Keller.

c Seismicity The area is considered a minor risk - no preventive measures or plans have been presented by the operator.

Information Source Geologic Atlas of the Rocky Mountain Region.

d. High Pressure Zones/Blowout Prevention. No high pressures are anticipated above the Wasatch although slight over pressuring may be expected in the upper Wasatch Formation.

Information Source. APD, Mineral Evaluation Report.

B. Soils:

1. Soil Character. Is a deep mildy to strongly alkaline soil. The surface layers are pale brown and light gray loams, silty clay loams and clays Sand and gravels are intermixed with clays and silts in fluvial washes.

Information Source "Soils of Utah", Wilson, Field Observation.

2. Erosion/Sedimentation This would increase due to the disruption of vegetation and loosely compacted "A & B" soil horizons of clay and shale. Clay and shale leave a higher rate of erosion due to their grain size and compaction capabilities. Proper construction practices would reduce this impact.

Information Source: "Fluvial Processes in Geomorphology " by Luna B. Leopold, M. Gordon Wolman and John P. Miller, 1964. "Soils of Utah", Wilson.

C. Air Quality: The area is in a Class II Containment. There would be a minor increase in air pollution due to emissions from construction and support traffic engines. Particulate matter would increase due to dust from travel over unpaved dirt roads.

Information Source: Utah State Health Department/Air Quality Bureau in Salt Lake City, Utah.

D. Noise Levels: Noise from the drilling operation may temporarily disturb wildlife and people in the area. Noise levels would be moderately high during drilling and completion operations. Upon completion, noise levels would be infrequent and significantly less. If the area is abandoned, noise levels should return to predrilling levels.

Information Source: Field Observation.

E Water Resources

1. Hydrologic Character

a. Surface Waters. The location drains to Trap Canyon a non-perennial drainage in the area to San Arroyo Wash, then to the Green River the major drainage in the area.

Information Source: Field Observation.

b. Ground Waters: Fresh water in the Castle Gate member of the Mancos Formation. Proper casing will prevent contamination.

Information Source: Mineral Evaluation Report.

2. Water Quality

a. Surface Waters. No contamination to surface water is anticipated by this drilling program.

Information Source Field Observation, APD.

b. Ground Waters. Some minor pollution of ground water systems would occur with the introduction of drilling fluids into the aquifer.
could

Information Source Field Observation, APD 10-Point Plan.

F. Flora and Fauna

1. Endangered and Threatened Species Determination

Based on the formal comments received from BLM - Moab on June 12, 1980, we determine that there would be no effect on endangered and threatened species and their critical habitat.

2. Flora: Pinon, cactus, juniper, morman tea, service berry and mountain mahogany exist on or near the location.

Information Source: Field Observation.

3. Fauna Deer, mountain lion, coyotes, small rodents and birds live on or near the location.

Information Source: Field Observation.

G. Land Uses

1. General: Grazing and recreation are the primary uses of the proposed location.

Information Source. BLM, Field Observation.

2. Affected Floodplains and/or Wetlands: N/A.

3. Roadless/Wilderness Area. N/A.

H. Aesthetics. The operation does not blend ~~does not blend~~ in with natural surroundings and could present a visual impact to recreationists. Drilling would be temporary and last about 2 weeks. Painting any permanent equipment a color to blend with the surrounding environment would lessen visual impacts.

Information Source: Field Observation.

I. Socioeconomics: The effects of one well on local and regional population and economy would be negligible. However, should this well result in a major discovery, an increase in economic activity would be expected. No direct impact to populations would be anticipated as most services would be provided from Grand Junction, Colorado. Present transportation routes would need to be expanded. Pipeline routes, presently absent in the area, would be necessary to further develop the area.

Information Source: Field Observation.

J. Cultural Resources Determination: Based on the formal comments received from BLM - Moab on June 12, 1980 we determine that there would be no effect on cultural resources subject to recommended stipulations by BLM and U.S.G.S.

Information Source: Field Observation, APD, Attached BLM Stipulations.

L. Adequacy of Restoration Plans. Meets minimum requirements of NTL-6.

Information Source: APD.

Alternatives to the Proposed Action.

1. Disapproving the proposed action or no action - If the proposed action is denied, no action would occur the existing environment would remain in its present state, the lessee/operator would not realize any return on investments and the public would be denied a potential energy source.

2. Approving the project with the recommended stipulations - Under federal oil and gas leasing provisions, the Geological Survey has a responsibility to approve mineral development if the environmental consequences are not too severe or irreversible. Permanent damage to the surface and subsurface would be prevented as much as possible under USGS and Surface Management Agency supervision. Environmental impacts would be significantly mitigated.

Adverse Environmental Effects:

1. If approved as proposed:

a. About 3.3 acres of vegetation would be removed, increasing and accelerating erosion potential.


b. Pollution of groundwater systems could occur with the introduction of drilling fluids into the aquifer(s). The potential for interaquifer leakage and lost circulation is ever-present, depending on the casing program.

- c. Minor air pollution would be induced on a temporary basis due to exhaust emissions from rig engines and support traffic.
- d. The potential for fires, leaks, spills of gas and oil or water exists.
- e. During construction and drilling phases of the operation, noise and dust levels would increase.
- f. Distractions from aesthetics during the lifetime of the project would exist.
- g. Erosion from the site would eventually be carried as sediment in the Trap Canyon. The potential for pollution to Trap Canyon would exist through leaks and spills.
- h. If hydrocarbons would be discovered and produced, further development of the area could be expected to occur, which would result in the extraction of irreplaceable resource, and further negative environmental impacts. These impacts include the cumulative loss of wildlife habitat due to the areas necessary for roads, pipelines, drillsites, and transmission lines. These actions may disrupt wildlife social behavior and force habitat relocation over an extended period of time. In addition, the cumulative effects of non-point erosion become substantial in a developing field, primarily those located near perennial streams where siltation and sedimentation are critical to aquatic life cycles.

2. Conditional Approval:

- a. All adverse impacts described in section one above could occur.

Recommended Approval Conditions:

Drilling should be allowed, provided the following mitigative measures are incorporated into the proposed APD and adhered to by the operator: 

- 1. See attached Lease Stipulations.
- 2. See attached BLM Stipulations.

Controversial Issues and Conservation Division Response.

None were found by the writer.

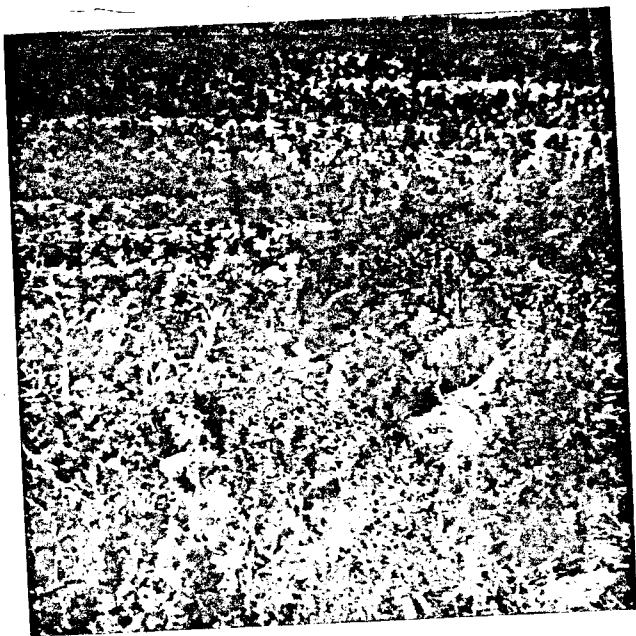
We have considered the proposed action in the preceding pages of this EA and find, based on the analysis of environmental considerations provided therein, no evidence to indicate that it will significantly (40 CFR 1508.27) impact the quality of the human environment.

Determination:

I determine that the proposed action (as modified by the recommended approval conditions) does not constitute a major Federal action significantly affecting the quality of the human environment in the sense of NEPA, Section 102 (2)(C).

 DISTRICT ENGINEER
Signature & Title of Approving Official

JUN 25 1980
Date



Tennessee
1-5
Looking north

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SURFACE DISTURBANCE STIPULATIONS

Area Oil and Gas Supervisor or
District Engineer (Address, include zip code)

Management Agency (name)

See reverse side.

Address (include zip code)

See reverse side.

1. Notwithstanding any provision of this lease to the contrary, any drilling, construction, or other operation on the leased lands that will disturb the surface thereof or otherwise affect the environment, hereinafter called "surface disturbing operation," conducted by lessee shall be subject, as set forth in this stipulation, to prior approval of such operation by the Area Oil and Gas Supervisor in consultation with appropriate surface management agency and to such reasonable conditions, not inconsistent with the purposes for which this lease is issued, as the Supervisor may require to protect the surface of the leased lands and the environment.

2. Prior to entry upon the land or the disturbance of the surface thereof for drilling or other purposes, lessee shall submit for approval two (2) copies of a map and explanation of the nature of the anticipated activity and surface disturbance to the District Engineer or Area Oil and Gas Supervisor, as appropriate, and will also furnish the appropriate surface management agency named above, with a copy of such map and explanation.

An environmental analysis will be made by the Geological Survey in consultation with the appropriate surface management agency for the purpose of assuring proper protection of the surface, the natural resources, the environment, existing improvements, and for assuring timely reclamation of disturbed lands.

3. Upon completion of said environmental analysis, the District Engineer or Area Oil and Gas Supervisor, as appropriate, shall notify lessee of the conditions, if any, to which the proposed surface disturbing operations will be subject.

Said conditions may relate to any of the following:

- (a) Location of drilling or other exploratory or developmental operations or the manner in which they are to be conducted;
- (b) Types of vehicles that may be used and areas in which they may be used; and
- (c) Manner or location in which improvements such as roads, buildings, pipelines, or other improvements are to be constructed.

For all counties in Utah except San Juan County:

Area Oil and Gas Supervisor
Geological Survey,
P. O. Box 2859
Casper, Wyoming 82601

For San Juan County:

Area Oil and Gas Supervisor
Geological Survey,
P. O. Box 26124
Albuquerque, New Mexico 87125

Form 3109-5 (August 1973)

STANDARD STIPULATIONS FOR OIL & GAS EXPLORATION

Contact this office at least 24 hours prior to beginning construction of access road and pad.

Stockpile the surface topsoil that can be saved in a pile on the northeast corner of the location.

The upper banks (uphill side) of all cuts will be rounded during construction of the access road and pad.

Notify the BLM District Archaeologist if cultural material from sub-surface deposits is exposed during the operation.

A trash basket will be on the well pad and used during drilling operations.

The "blooey" line will be centered and directed into the pit.

If production is obtained, the access road will be upgraded to BLM specifications for long-term roads as outlined in the surface use standards section of the "Oil and Gas" pamphlet (joint BLM, USGS, and U.S.F.S. publication).

If production is obtained, all production facilities will be painted "desert tan" or a similar color approved by the Grand Resource Area Manager.

Rehabilitation of the site and access road will be accomplished in accordance with the enclosed restoration procedures.

Production facilities and pipeline route are approved on this location under lease rights.

As agreed on during pre - drill field examination -

The new access road will be constructed to an 18 foot travel surface with and average width of 23 feet maximum disturbance. Low water crossings will be installed in each drainage along the road from the south line of section 36, T. 17 S., R. 24 E. and the drill pad. Trees (pinon and juniper) removed from the access route will be windrowed along the uphill side of the road during construction.

Drainages will be left open to control water runoff.

Topsoil along the access route will be windrowed along the uphill side between the trees and the road.

Trees (pinon and juniper) removed from the well pad, during construction, will be piled on the southeast corner and kept for rehabilitation purposes.

The whole rig layout will be turned 180 degrees from that shown on Exhibit 4, so the reserve pit will be in the cut portion of the pad.

The reserve pit will be reduced from 100 feet by 100 feet (as shown on Exhibit 5) to 100 feet long by 20 feet wide by 8 feet deep. Trees and debris will be cleared for 20 feet behind the flare pit to reduce the fire hazard. These trees will be piled on the southeast corner of the pad.

A drainage ditch or barrier will be built along the east side of the pad and drain any water to the south away from the pad.

SEED MIXTURE
(Mountain Brush Type)

<u>Grasses</u>		<u>Lbs/Acre</u>
Oryzopsis hymenoides	Indian rice grass	2
Elymus salinus	Wildrye	2
Carex geyeri	Carex (dry land)	1
Stipa comata	Needle & thread (mtn. type)	1
 <u>Shrubs</u>		
Lowania mexicana	Cliffrose	2
Purshia tridentata	Bitterbrush	2
Cercocarpus montanus	Mahogany (mountain)	1
Ephedra viridiflora	Mormon tea	<u>1</u>
		12

September 17, 1980

Tenneco Oil Company
720 South Colorado Boulevard
Denver, Colorado 80222

Re: Well No. Reinauer #1-5
Sec. 1, T. 17S, R. 24E.,
Grand County, Utah

Insofar as this office is concerned, approval to drill the above referred to gas well is hereby granted in accordance with the Order issued in Cause No. 165-4 dated June 28, 1979.

Should you determine that it will be necessary to plug and abandon this well, you are hereby requested to immediately notify the following:

MICHAEL T. MINDER - Petroleum Engineer
Office: 533-5771
Home: 876-3001

Enclosed please find Form OGC-8-X, which is to be completed whether or not water sands (aquifers) are encountered during drilling. Your cooperation in completing this form will be appreciated.

Further, it is requested that this Division be notified within 24 hours after drilling operations commence, and that the drilling contractor and rig number be identified.

The API number assigned to this well is 43-019-30097.

Sincerely,

DIVISION OF OIL, GAS AND MINING

Michael T. Minder,
Petroleum Engineer

/btm
cc: USGS

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use Form 9-331-C for such proposals.)

1. oil ☐ well gas ☒ well other

2. NAME OF OPERATOR
Tenneco Oil Company

3. ADDRESS OF OPERATOR
P. O. Box 3249, Englewood, CO 80155

4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)
AT SURFACE: 1540' FNL 810' FWL
AT TOP PROD. INTERVAL:
AT TOTAL DEPTH:

16. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

REQUEST FOR APPROVAL TO:	SUBSEQUENT REPORT OF:
TEST WATER SHUT-OFF <input type="checkbox"/>	<input checked="" type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	<input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	<input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	<input type="checkbox"/>
PULL OR ALTER CASING <input type="checkbox"/>	<input type="checkbox"/>
MULTIPLE COMPLETE <input type="checkbox"/>	<input type="checkbox"/>
CHANGE ZONES <input type="checkbox"/>	<input type="checkbox"/>
ABANDON* <input type="checkbox"/>	<input type="checkbox"/>
(other) <u>Commence drilling operations</u>	

5. LEASE
USA-U-38838

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME
Reinauer

9. WELL NO.
1-5

10. FIELD OR WILDCAT NAME
Wildcat

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
Sec. 1, T17S R24E

12. COUNTY OR PARISH
Grand

13. STATE
Utah

14. API NO.

15. ELEVATIONS (SHOW DF, KDB, AND WD)
6834' gr.

(NOTE: Report results of multiple completion or zone change on Form 9-330.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

4/18/81 - MIRURT. Spud well 4/18/81 w/Brinkerhoff Signal rig #32. Set 110' of 9-5/8" conductor pipe. Cmt w/75 sx Redicrete. Drill 8-3/4" hole to 2260'.

4/21/81 - Circ hole. Survey. TOOH. Spot 100 bbls mud. Log w/Schlumberger. TIH. Circ. TOOH. Laid down 6" drill collar. RU and run 53 jts of 7" 23# csg set @ 2248'. Cmt w/450 sx Class B w/2% CACL₂ and 1/4#/sk Celloflake. Tail in w/100 sx Class H, 2% CACL₂ and 1/4#/sk Celloflake. Plug down. Circulate to surface. ND BOP. Set 7" slips and pressure test hanger to 1500 PSI. NU BOP's and pressure test blind rams to 1000 PSI.

4/22/81 - WOC. Pressure test pipe rams to 1000 PSI for 30 mins. TIH. Squeeze Bradenhead down annulus w/100 sx Class B w/2% CACL₂. Top job. Cmt to surface.

Subsurface Safety Valve: Manu. and Type _____ Set @ _____ Ft.

18. I hereby certify that the foregoing is true and correct

SIGNED Charles J. Hutton TITLE Asst. Div. Adm. Mgr. DATE 4/23/81

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____
CONDITIONS OF APPROVAL, IF ANY:

RECEIVED

APR 30 1981

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use Form 9-331-C for such proposals.)

1. oil well ☐ gas well ☒ other

2. NAME OF OPERATOR
Tenneco Oil Company

3. ADDRESS OF OPERATOR
P. O. Box 3249, Englewood, CO 80155

4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)
AT SURFACE: 1540' FNL 810' FWL
AT TOP PROD. INTERVAL:
AT TOTAL DEPTH:

16. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

REQUEST FOR APPROVAL TO:

TEST WATER SHUT-OFF ☐
FRACTURE TREAT ☐
SHOOT OR ACIDIZE ☐
REPAIR WELL ☐
PULL OR ALTER CASING ☐
MULTIPLE COMPLETE ☐
CHANGE ZONES ☐
ABANDON* ☐
(other) ☐

SUBSEQUENT REPORT OF:

☒
☐
☒
☐
☐
☐
☐
☐

5. LEASE

USA U 38838

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Reinauer

9. WELL NO.

1-5

10. FIELD OR WILDCAT NAME

Wildcat

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA

Sec. 1, T17S R24E

12. COUNTY OR PARISH

Grand

13. STATE

Utah

14. API NO.

15. ELEVATIONS (SHOW DF, KDB, AND WD)

6834' gr.

(NOTE: Report results of multiple completion or zone change on Form 9-330.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

4/30/81 - Drill to TD @ 6000' 4/29/81. RU and run 141 jts 4-1/2" 10.5# csg set @ 5999'. Circ and cond hole. Cmt w/350 sx Mod Self stress w/.75% D-65 and 1/4#/sk D-29 plug down. Set slips, cut off csg, install tree. Release rig 4/29/81.
5/9/81 - MIRUSU. Install BOP. Ran tbg w/bit to PBTD.
5/12/81 - Pressure test csg to 4000 PSI. Swabbed down to 5100'. POOH w/2-3/8" tbg. Perf Dakota w/3-1/8" csg gun @ 2 JSPF as follows: 5594-5606', 5658-72', 5720-38', 5806-10'. (48' 96 holes). RIH w/2-3/8" tbg, retrieveable bridge plug and pkr. Set RBP @ 5841' and pkr @ 5706'. Acidize Dakota 5720-5810 w/700 gals 7-1/2% MSR and 16 ball sealers. AIR: 4 BPM AIP: 1700 PSI, ISIP: 1200 PSI, 15 min SIP: 300 PSI. Balled off 1st stage @ 3000 PSI. Acidized 5594-5672' w/500 gals 7-1/2% MSR and 78 ball sealers. AIR: 4 BPM, AIP: 1500 PSI, ISIP: 1200 PSI.

Subsurface Safety Valve: Manu. and Type: _____ Set @ _____ Ft.

18. I hereby certify that the foregoing is true and correct

SIGNED [Signature] TITLE Asst.Div.Adm. Mgr DATE 5/19/81

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____
CONDITIONS OF APPROVAL, IF ANY:

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use Form 9-331-C for such proposals.)

1. oil ☐ well gas ☒ well other

2. NAME OF OPERATOR
Tenneco Oil Company

3. ADDRESS OF OPERATOR
P. O. Box 3249, Englewood, CO 80155

4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)
AT SURFACE: 1540' FNL 810' FWL
AT TOP PROD. INTERVAL:
AT TOTAL DEPTH:

16. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

REQUEST FOR APPROVAL TO:

TEST WATER SHUT-OFF ☐
FRACTURE TREAT ☐
SHOOT OR ACIDIZE ☐
REPAIR WELL ☐
PULL OR ALTER CASING ☐
MULTIPLE COMPLETE ☐
CHANGE ZONES ☐
ABANDON* ☐

(other) Subsequent history

SUBSEQUENT REPORT OF:

☐
☒
☐
☐
☐
☐
☐
☐

5. LEASE
USA U-38838

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME
Reinauer

9. WELL NO.
1-5

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Sec. 1, T17S R24E

12. COUNTY OR PARISH
Grand

13. STATE
Utah

14. API NO.

15. ELEVATIONS (SHOW DF, KDB, AND WD)
6834' gr.

NOTE: Report results of multiple completion or zone change on Form 9-330.)

DIVISION OF
OIL, GAS & MINING

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

5/13/81 - 15 min SIP: 400 PSI. Good ball action on both zones. POOH w/tbg, RBP and pkr. RIH w/2-3/8" tbg and F nipple to 5300'. Swabbed back 55 bbls acid water. ND flow. Fluid level @ 5000'.

5/14/81 - SICP: 540 PSI SITP: 600 PSI. Frac'd Dakota 5594-5810' w/95,000 gals 75% quality foam, 3% acid frac fluid carrying 116,800# 20/40 sand @ 32 BPM. AIP: 3600 PSI, ISIP: 2500 PSI, 10 min SIP: 1800 PSI. Well flowing to clean up.

5/15/81 - SICP: 440 PSI. RIH w/2-3/8" tbg to 5858' pull up to 5714' and land. NDBOP, NUWH. Flow rate tested w/mini recorder @ 1104 MCF/D. RDMOSU.

Subsurface Safety Valve: Manu. and Type _____ Set @ _____ Ft.

18. I hereby certify that the foregoing is true and correct

SIGNED Curly H. Hines TITLE Asst. Div. Adm. Mgr. DATE 5/19/81

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____
CONDITIONS OF APPROVAL, IF ANY:

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE

(See other in-
structions on
reverse side)Form approved.
Budget Bureau No. 42-R355.5

WELL COMPLETION OR RECOMPLETION REPORT AND LOG *

1a. TYPE OF WELL: OIL WELL ☐ GAS WELL ☒ DRY ☐ Other _____

b. TYPE OF COMPLETION:

NEW WELL ☒ WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☐ DIFF. RESERVE ☐ OTHER ☐

2. NAME OF OPERATOR

Tenneco Oil Company

3. ADDRESS OF OPERATOR

Box 3249 Englewood, Co. 80155

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)*

At surface 1540' FNL 810' FWL

At top prod. interval reported below

At total depth

14. PERMIT NO.

DATE ISSUED

13 017-30497 9-17-80

DIVISION OF
OIL, GAS & MINING5. LEASE DESIGNATION AND SERIAL NO.
USA-U-38838

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Reinauer

9. WELL NO.

1-5

10. FIELD AND POOL, OR WILDCAT

Wildcat

11. SEC. T., R., M., OR BLOCK AND SURVEY OR AREA

Sec 1 T17S R24E

12. COUNTY OR PARISH

Grand

13. STATE

Utah

15. DATE SPUDDED 16. DATE T.D. REACHED 17. DATE COMPL. (Ready to prod.)

4/18/81

4/29/81

6/24/81

18. ELEVATIONS (DF, REB, RT, GR, ETC.)*

6834' gr.

19. ELEV. CASINGHEAD

20. TOTAL DEPTH, MD & TVD

6000'

21. PLUG, BACK T.D., MD & TVD

5958'

22. IF MULTIPLE COMPL., HOW MANY*

23. INTERVALS DRILLED BY

ROTARY TOOLS

CABLE TOOLS

O'-TD

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)*

5594'-5810' Dakota

26. TYPE ELECTRIC AND OTHER LOGS RUN

CDFD DI/SFL ACB/C.R. will not release

27. WAS WELL CORED

No

28. CASING RECORD (Report all strings set in well)

CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
9 5/8"	36#	110'	12 1/4"	75 sx Redicrete	
7"	23#	2248'	8 3/4"	450 sx Class-B; 100 sx Class H	
4 1/2"	10.5#	5999'	6 1/4"	350 sx Self Stress; 75% D-65	

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2 3/8"	5714'	

31. PERFORATION RECORD (Interval, size and number)

5594 - 5606'
5658 - 72' 48' 96 holes
5720 - 38'
5806 - 10'

32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
5720-5810'	700 gals 7 1/2% MSR and 16 balls
5594-5606'	500 gals 7 1/2% MSR and 78 balls
5594-5810'	95,000 gals 75% qual foam, 3% acid frac fluid, 116,800# 20/40 sand.

33.* PRODUCTION

DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)				WELL STATUS (Producing or shut-in)	
5/15/81		Flowing				Shut-in	
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
6/23/81	3 Hrs.	1/2" orifice	→				
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)	
390 PSI	520 PSI	→		535			

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)

To be sold

TEST WITNESSED BY

35. LIST OF ATTACHMENTS

Electric logs forwarded by Schlumberger and OWP

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records

SIGNED

TITLE

Asst. Div. Adm. Mgr.

DATE

6/25/81

*(See Instructions and Spaces for Additional Data on Reverse Side)

INSTRUCTIONS

General: This form is designed for submitting a complete and correct well completion report and log on all types of lands and leases to either a Federal agency or a State agency, or both, pursuant to applicable Federal and/or State laws and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local, area, or regional procedures and practices, either are shown below or will be issued by, or may be obtained from, the local Federal and/or State office. See instructions on items 22 and 24, and 33, below regarding separate reports for separate completions.

If not filed prior to the time this summary record is submitted, copies of all currently available logs (drillers, geologists, sample and core analysis, all types electric, etc.), formation and pressure tests, and directional surveys, should be attached hereto, to the extent required by applicable Federal and/or State laws and regulations. All attachments should be listed on this form, see item 35.

Item 4: If there are no applicable State requirements, locations on Federal or Indian land should be described in accordance with Federal requirements. Consult local State or Federal office for specific instructions.

Item 18: Indicate which elevation is used as reference (where not otherwise shown) for depth measurements given in other spaces on this form and in any attachments.

Items 22 and 24: If this well is completed for separate production from more than one interval zone (multiple completion), so state in item 22, and in item 24 show the producing interval, or intervals, top(s), bottom(s) and name(s) (if any) for only the interval reported in item 33. Submit a separate report (page) on this form, adequately identified, for each additional interval to be separately produced, showing the additional data pertinent to such interval.

Item 29: "Sacks Cement": Attached supplemental records for this well should show the details of any multiple stage cementing and the location of the cementing tool.

Item 33: Submit a separate completion report on this form for each interval to be separately produced. (See instruction for items 22 and 24 above.)

37. SUMMARY OF POROUS ZONES: SHOW ALL IMPORTANT ZONES OF POROSITY AND CONTENTS THEREOF; CORED INTERVALS; AND ALL DRILL-STEM TESTS, INCLUDING DEPTH INTERVAL TESTED, CUSHION USED, TIME TOOL OPEN, FLOWING AND SHUT-IN PRESSURES, AND RECOVERIES			38. GEOLOGIC MARKERS			
FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	TOP	
					MEAS. DEPTH	TRUE VERT. DEPTH
Mesaverde	Surface	1625	Sand, shale, water	Mancos B	2646	
Castlegate	1935	2000	Sand, water, gas	Frontier	5215	
Dakota	5550	5811	Sand, shale, gas	Dakota Silt	5490	

July 31, 1981

Tenneco Oil Company
P. O. Box 3249
Englewood, Colorado 80155

Re: Well No. Glisson USA Winter Camp
Unit 28-2
Sec. 28, T. 17S, R. 25E
Grand County, Utah

Well No. Rainauer 1-5
Sec. 1, T. 17S, R. 24E
Grand County, Utah

Gentlemen:

According to our records, a "Well Completion Report" filed with this office 5-20-81 and 6-25-81 respectively, from above referred to wells indicates the following electric logs were run: ACB/GR, CNFC, DI/SPL (Winter Camp Unit 28-2); CDFD, DI/SPL, ACB/GR (Rainauer 1-5). As of today's date this office has not received these logs.

Rule C-5, General Rules and Regulations and Rules of Practice and Procedure, requires that a well log shall be filed with the Commission together with a copy of the electric and radioactivity logs.

Your prompt attention to the above will be greatly appreciated.

Sincerely,

DIVISION OF OIL, GAS, AND MINING


Sandy Bates
Clerk-Typist

/lm



STATE OF UTAH
NATURAL RESOURCES
Oil, Gas & Mining

Scott M. Matheson, Governor
Temple A. Reynolds, Executive Director
Dr. G. A. (Jim) Shirazi, Division Director

4241 State Office Building • Salt Lake City, UT 84114 • 801-533-5771

November 10, 1983

Tenneco Oil Company
P.O. Box 3249
Englewood, Colorado 80155

2nd NOTICE

RE: Well No. Reinauer #1-5
API # 43-019-30697
Sec. 1, T. 17S. R. 24E.
Grand County, Utah

Gentlemen:

Our office contacted you on July 31, 1981 requesting that you send in the electric logs for the above referred to well.

According to our records, a "Well Completion Report" filed with this office June 25, 1981 from above referred to well, indicates the following electric logs were run: CDFD, DI/SFL, ACB/GR. As of today's date, this office has not received these logs.

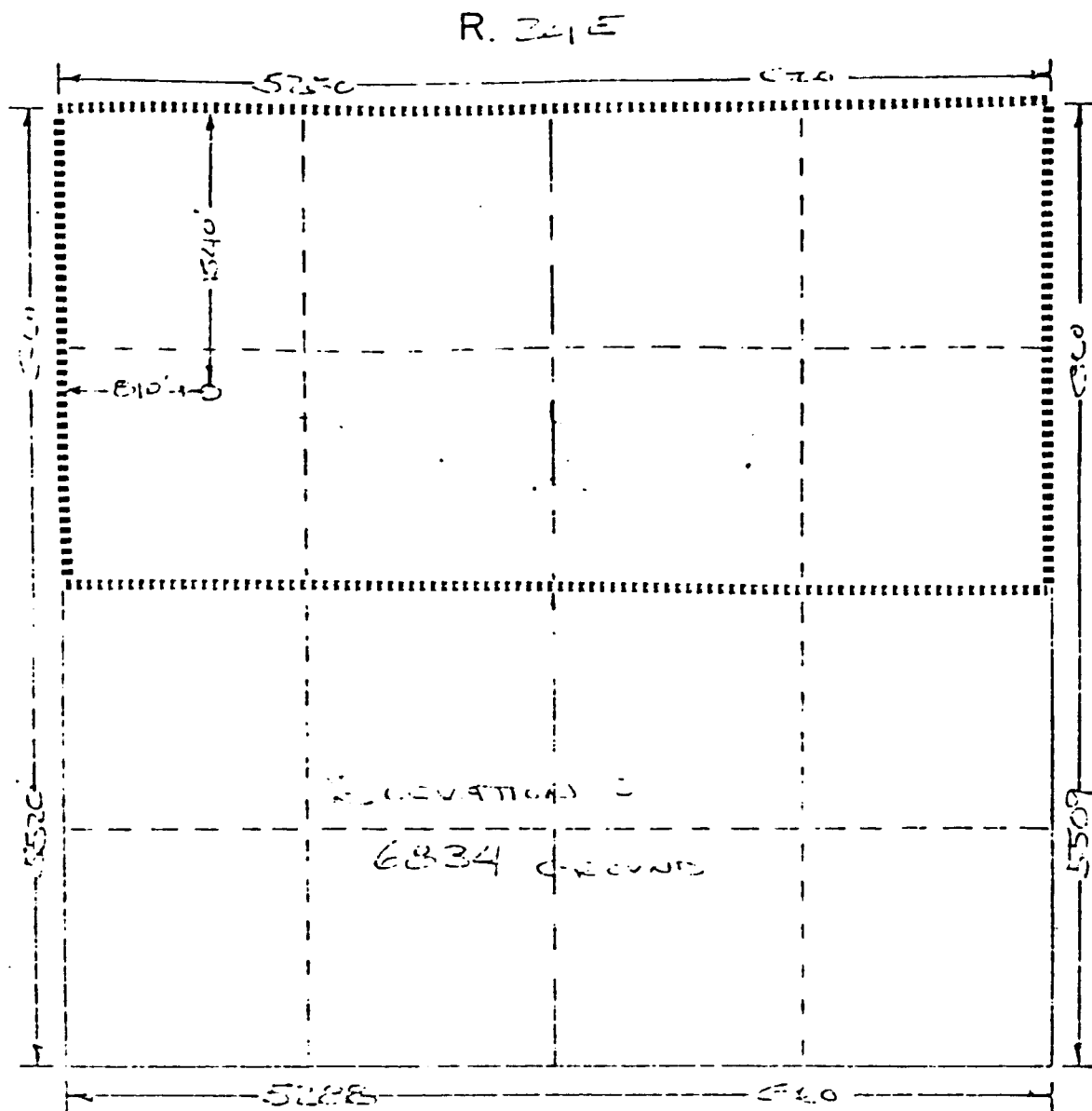
Rule C-5, General Rules and Regulations and Rules of Practice and Procedure, requires that a well log shall be filed with the Commission together with a copy of the electric and radioactivity logs.

****You are in violation of the above rule. If you wish to continue developing business in the State of Utah, compliance with pertinent rules and regulations is essential. Further delay in your attention to this matter may result in punitive action. Please submit the required information as stated above within fifteen (15) days.**

Respectfully,

Claudia Jones
Well Records Specialist

CJ/cj



Scale... 1" = 1000'

Powers Elevation of Denver, Colorado
has in accordance with a request from 1/2 T. Arwick
for TENNESSEE OIL CO.
determined the location of 1-5-70000
to be 1540' F.W.C. & 810' F.W.C., Section 1, Township 17 South,
Range 24 East of the Salt Lake Meridian
CANDY County, UTAH

I hereby certify that this plat is an
accurate representation of a correct
survey showing the location of
1-5-70000

Date: 10 Nov 73

Licensed Land Surveyor No. 2711
State of UTAH

RECEIVED

APR 27 1984



Tenneco Oil Company

A Tenneco Company

Western Rocky Mountain Division

P.O. Box 3249
Englewood, Colorado 80155
(303) 740-4800

Delivery Address:
6162 South Willow Drive
Englewood, Colorado

DIVISION OF OIL
GAS & MINING

April 25, 1984

State of Utah
Department of Oil & Gas Conservation
4241 State Office Bldg.
Salt Lake City, UT 84114

Gentlemen:

Attached is a list of wells for which Tenneco Oil Company has been providing you with monthly state reports. Effective March 1, 1984, these wells were purchased by Quinoco Petroleum, Inc., 3801 East Florida Avenue, Suite 300, P. O. Box 10800, Denver, Colorado 80210. Quinoco will now be responsible for all state reporting on these wells beginning with March 1984 business.

Very truly yours,

TENNECO OIL COMPANY

Ursula C. Sulzbach
Ursula C. Sulzbach
Senior Revenue Analyst

UCS/wt
Attachment

695
TENNECO OIL COMPANY
Utah Wells Sold to Quinoco
Effective March 1, 1984

✓T. 17S R 24E Sec 4 Federal 4-12
✓T17S R 24E Sec. 14 Hogle USA 14-4
✓T17S R24E Sec 3 Federal 3-8
✓T17S R24E Sec 3 Federal 3-15
✓T16S R24E Sec 35 Federal 35-10
✓T17S R24E Sec 2 Dietler State 2-14
✓T17S R24E Sec 2 Dietler State 2-7
✓T16S R25E Sec 31 Calvinco USA 31-12
✓T17S R24E Sec 1 Reinauer 1-5
✓T17S R24E Sec 1 Reinauer 1-14
✓T16S R24E Sec 36 Tenneco State 36-14
✓T16S R24E Sec 36 Tenneco State 36-16
✓T16S R 24E Sec 35 Brown USA 35-3
✓T17S R24E Sec 12 Edward 12-2
✓T17S R25E Sec 7 Winter Camp Unit 7-14
✓T17S R24E Sec 11 Hogle 11-12
✓T17S R25E Sec 6 Federal 6-7
✓T17S R25E Sec 7 Federal 7-4
✓T16S R25E Sec 17 Federal 17-9
✓T16S R25E Sec 14 Federal 14-2
✓T16S R26E Sec 16 State 16-4
✓T16S R25E Sec 13 Carlson USA 13-4
✓T17S R24E Sec 5 Federal 5-13
✓T16S R24E Sec 33 Wilson USA 33-15
✓T17S R25E Sec 6 Federal 6-14
✓T16S R25E Sec 13 Federal 13-9
✓T16S R26E Sec 33 Federal 33-13
T17S R26E Sec 5 Federal 5-4
✓T16S R26E Sec 32 State 32-1
✓T16S R26E Sec 32 State 32-11
✓T17S R24E Sec 12 Tenneco USA 12-9

1- LCR
2- DTSOT
3- VLC
4- RJF
5- RWM
6- DCR

Attach all documentation received by the division regarding this change.
Initial each listed item when completed. Write N/A if item is not applicable.

Change of Operator (well sold)
Designation of Operator

☐ Designation of Agent
☐ Operator Name Change Only

The operator of the well(s) listed below has changed (EFFECTIVE DATE: 12-1-90 7-1-90)

TO (new operator) ROEMER OIL COMPANY
(address) 1675 BROADWAY, SUITE 2750
DENVER, CO 80202
DIANA SANDBERG
phone (303) 692-4346
account no. N 2375 (3-5-91)

FROM (former operator) QUINOCO CO.
(address) P. O. BOX 378111
DENVER, CO 80237
DEBI SHEELY
phone (303) 850-6322
account no. N 9477

Well(s) (attach additional page if needed):

Name: <u>WESTBIT U 1/WSTC</u>	API: <u>43-019-15047</u>	Entity: <u>5215</u>	Sec <u>10</u> Twp <u>16S</u> Rng <u>25E</u>	Lease Type: <u>U-05010</u>
Name: <u>STATE 2-7/DKTA</u>	API: <u>43-019-30604</u>	Entity: <u>6565</u>	Sec <u>2</u> Twp <u>17S</u> Rng <u>24E</u>	Lease Type: <u>ML-37489</u>
Name: <u>STATE 36-14/DKTA</u>	API: <u>43-019-30605</u>	Entity: <u>6570</u>	Sec <u>36</u> Twp <u>16S</u> Rng <u>24E</u>	Lease Type: <u>ML-33908</u>
Name: <u>REINAUER 1-5/DKTA</u>	API: <u>43-019-30697</u>	Entity: <u>6575</u>	Sec <u>1</u> Twp <u>17S</u> Rng <u>24E</u>	Lease Type: <u>U-38838A</u>
Name: <u>HOGLE 11-12L 1/DKTA</u>	API: <u>43-019-30701</u>	Entity: <u>6580</u>	Sec <u>11</u> Twp <u>17S</u> Rng <u>24E</u>	Lease Type: <u>SL071172</u>
Name: <u>GALVINGO 31-12/DKTA *</u>	API: <u>43-019-30704</u>	Entity: <u>6595</u>	Sec <u>31</u> Twp <u>16S</u> Rng <u>25E</u>	Lease Type: <u>U-13031</u>
Name: <u>REINAUER 1-14/DKTA</u>	API: <u>43-019-30733</u>	Entity: <u>6600</u>	Sec <u>1</u> Twp <u>17S</u> Rng <u>24E</u>	Lease Type: <u>U-38838A</u>

X Lease U-13031 OK92 "C.A." - Quinoco.

OPERATOR CHANGE DOCUMENTATION

- 1 (Rule R615-8-10) Sundry or other legal documentation has been received from former operator (Attach to this form). *(Submitted as a operator change - see Btm letter dated 8-6-91)*
- 2 (Rule R615-8-10) Sundry or other legal documentation has been received from new operator (Attach to this form). *(Submitted as a operator change - see Btm letter dated 8-6-91)*
- 3 The Department of Commerce has been contacted if the new operator above is not currently operating any wells in Utah. Is company registered with the state? (yes) no ____ If yes, show company file number: #150982. *(Eff. 4-5-91)*
- 4 (For Indian and Federal Wells ONLY) The BLM has been contacted regarding this change (attach Telephone Documentation Form to this report). Make note of BLM status in comments section of this form. Management review of Federal and Indian well operator changes should take place prior to completion of steps 5 through 9 below.
- 5 Changes have been entered in the Oil and Gas Information System (Wang/IBM) for each well listed above.
- 6 Cardex file has been updated for each well listed above.
- 7 Well file labels have been updated for each well listed above.
- 8 Changes have been included on the monthly "Operator, Address, and Account Changes" memo for distribution to State Lands and the Tax Commission.
- 9 A folder has been set up for the Operator Change file, and a copy of this page has been placed there for reference during routing and processing of the original documents.

ENTITY REVIEW

1. (Rule R615-8-7) Entity assignments have been reviewed for all wells listed above. Were entity changes made? (yes/no) ____ (If entity assignments were changed, attach copies of Form 6, Entity Action Form).
2. State Lands and the Tax Commission have been notified through normal procedures of entity changes.

D VERIFICATION (Fee wells only)

1. (Rule R615-3-1) The new operator of any fee lease well listed above has furnished a proper bond.
2. A copy of this form has been placed in the new and former operators' bond files.
3. The former operator has requested a release of liability from their bond (yes/no) ____.
Today's date ____ 19____. If yes, division response was made by letter dated ____ 19____.

STATE INTEREST OWNER NOTIFICATION RESPONSIBILITY

1. (Rule R615-2-10) The former operator/lessee of any fee lease well listed above has been notified by letter dated ____ 19____, of their responsibility to notify any person with an interest in such lease of the change of operator. Documentation of such notification has been requested.
2. Copies of documents have been sent to State Lands for changes involving State leases.
** See Hullwood to Northstar spec. chg. eff. 8-1-91.*

INDEXING

1. All attachments to this form have been microfilmed. Date: Sept 16 1991.

INDEXING

1. Copies of all attachments to this form have been filed in each well file.
2. The original of this form and the original attachments have been filed in the Operator Change file.

REMARKS

10904 Btm/moab Confirmed that this is an interest change only! (Fed. Leases)
 * Roemer Oil Company did not post bond coverage to transfer the wells over to Roemer, however Quinoco stopped reporting to mms eff. 9/90, Roemer started eff. 10/90 reporting production, conservation & Severance tax, etc.

Reinauer 1-14

Reinauer 1-5

Form 3000-3
(June 1988)**DISTRICT COPY**UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENTQPI #900
FORM APPROVED
OMB NO. 1004-0034
Expires: August 31, 1989MDAB DISTRICT OFFICE**ASSIGNMENT OF RECORD TITLE INTEREST IN A
LEASE FOR OIL AND GAS OR GEOTHERMAL RESOURCES**Mineral Leasing Act of 1920 (30 U.S.C. 181 et seq.)
Act for Acquired Lands of 1947 (30 U.S.C. 351-359)
Geothermal Steam Act of 1970 (30 U.S.C. 1001-1025)
Department of the Interior Appropriations Act, Fiscal Year 1981 (42 U.S.C. 6508)Lease Serial No.
USA-UTU-38838-ALease Effective Date
(Anniversary Date)
01-1-78

New Serial No.

Type or print plainly in ink and sign in ink.**PART A: ASSIGNMENT**1. Assignee*
Street **Roemer Oil Company**
1675 Broadway, Suite 2750
City, State, ZIP Code **Denver, CO 80202***If more than one assignee, check here ☐ and list the name(s) and address(es) of all additional assignees on the reverse of this form or on a separate attached sheet of paper.This record title assignment is for: (Check one) ☒ Oil and Gas Lease, or ☐ Geothermal LeaseInterest conveyed: (Check one or both, as appropriate) ☒ Record Title, ☐ Overriding Royalty, payment out of production or other similar interests or payments**2. This assignment conveys the following interest:**

Land Description Additional space on reverse, if needed. Do not submit documents or agreements other than this form; such documents or agreements shall only be referenced herein.	Percent of Interest			Percent of Overriding Royalty or Similar Interests	
	Owned	Conveyed	Retained	Reserved	Previously reserved or conveyed
a	b	c	d	e	f
Township 17 South, Range 24 East					
Section 1: All					
Containing 668.44 acres, more or less					
Grand County, Utah					
EM Nominee Partnership Company	22.9728	22.9728	-0-		7%
Quinoco Oil & Gas Income Program 1983-2	10.5848	10.5848	-0-		
Quinoco Oil & Gas Income Program 1983-3	18.2024	18.2024	-0-		
Quinoco Oil & Gas Income Program 1983-4	28.24	28.24	-0-		
	80	-0-	-0-		

FOR BLM USE ONLY—DO NOT WRITE BELOW THIS LINE

UNITED STATES OF AMERICA

This assignment is approved solely for administrative purposes. Approval does not warrant that either party to this assignment holds legal or equitable title to this lease.

☒ Assignment approved for above described lands;☐ Assignment approved for attached land descriptionAssignment approved effective DEC 1 1988☐ Assignment approved for land description indicated on reverse of this form

Chief Minerals

EM Nominee Partnership Company
By: Hallwood G.P., Inc., General Partner

By: Russell P. Meduna
Russell P. Meduna, Vice President

~~Hallwood Consolidated Partners, L.P., formerly Quinoco Consolidated Partners, L.P.,~~
a Colorado Limited Partnership, successor in interest by merger to Quinoco Oil and
Gas Income Programs 1983-2, 1983-3, 1983-4
By: Hallwood Oil and Gas, Inc., General Partner

By: Russell P. Meduna
Russell P. Meduna, Vice President

PART B: CERTIFICATION AND REQUEST FOR APPROVAL

1. The transferor certifies as owner of an interest in the above designated lease that he/she/it hereby transfers to the above transferee(s) the rights specified above.
2. Transferee certifies as follows: (a) Transferee is a citizen of the United States; an association of such citizens; a municipality; or a corporation organized under the laws of the United States or of any State or territory thereof. For the transfer of NPR-A leases, transferee is a citizen, national, or resident alien of the United States or associations of such citizens, nationals, resident aliens or private, public or municipal corporations; (b) Transferee is not considered a minor under the laws of the State in which the lands covered by this transfer are located; (c) Transferee's chargeable interests, direct and indirect, in either public domain or acquired lands, do not exceed 200,000 acres in oil and gas options or 246,080 in oil and gas leases in the same State, or 300,000 acres in leases and 200,000 acres in options in each leasing District in Alaska, if this is an oil and gas lease issued in accordance with the Mineral Leasing Act of 1920 or 51,200 acres in any one state if this is a geothermal lease; and (d) All parties holding an interest in the transfer are otherwise in compliance with the regulations (43 CFR Group 3100 or 3200) and the authorizing Acts.
(e) Transferee is in compliance with reclamation requirements for all Federal oil and gas lease holdings as required by sec. 17(g) of the Mineral Leasing Act; and (f) Transferee is not in violation of sec. 41 of the Mineral Leasing Act.
3. Transferee's signature to this assignment constitutes acceptance of all applicable terms, conditions, stipulations and restrictions pertaining to the lease described herein. Applicable terms and conditions include, but are not limited to, an obligation to conduct all operations on the leasehold in accordance with the terms and conditions of the lease, to condition all wells for proper abandonment, to restore the leased lands upon completion of any operations as described in the lease, and to furnish and maintain such bond as may be required by the lessor pursuant to regulations 43 CFR 3104, 3134, or 3206.

For geothermal transfers, an overriding royalty may not be less than one-fourth (1/4) of one percent of the value of output, nor greater than 50 percent of the rate of royalty due to the United States when this transfer is added to all previously created overriding royalties (43 CFR 3241).

I certify that the statements made herein by me are true, complete, and correct to the best of my knowledge and belief and are made in good faith.

Executed this 28th day of September, 19 90

Name of Transferor See Above
Please type or print

Transferor _____
(Signature)

Attorney-in-fact _____
(Signature)

4582 S. Ulster St., Pkwy, Ste. 1700
(Transferor's Address)
Denver, CO 80237
(City) (State) (Zip Code)

Executed this 28th day of September, 19 90

ROEMER OIL COMPANY

Transferee [Signature]
(Signature)
or

Attorney-in-fact _____
(Signature)

BY: _____

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

<p align="center">SUNDRY NOTICES AND REPORTS ON WELLS</p> <p>Do not use this form for proposals to drill new wells, deepen existing wells, or to reenter plugged and abandoned wells. Use APPLICATION FOR PERMIT for such proposals.</p>		6. Lease Designation and Serial Number USA-U-38838																										
		7. Indian Allottee or Tribe Name																										
		8. Unit or Communitization Agreement																										
		9. Well Name and Number Reinauer 1-5																										
1. Type of Well <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other (specify)		10. API Well Number 43-019-30697																										
2. Name of Operator Roemer Oil Company		11. Field and Pool, or Wildcat Bryson																										
3. Address of Operator 1675 Broadway, Suite 2750, Denver, CO 80202		4. Telephone Number (303) 592-4346																										
5. Location of Well Footage: 1540' FNL, 810' FWL CQ, Sec. T., R., M.: SW NW 1-T17S-R24E		County: Grand State: UTAH																										
12. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA																												
<p align="center">NOTICE OF INTENT (Submit in Duplicate)</p> <table border="0"> <tr> <td><input type="checkbox"/> Abandonment</td> <td><input type="checkbox"/> New Construction</td> </tr> <tr> <td><input type="checkbox"/> Casing Repair</td> <td><input type="checkbox"/> Pull or Alter Casing</td> </tr> <tr> <td><input type="checkbox"/> Change of Plans</td> <td><input type="checkbox"/> Recompletion</td> </tr> <tr> <td><input type="checkbox"/> Conversion to Injection</td> <td><input type="checkbox"/> Shoot or Acidize</td> </tr> <tr> <td><input type="checkbox"/> Fracture Treat</td> <td><input type="checkbox"/> Vent or Flare</td> </tr> <tr> <td><input type="checkbox"/> Multiple Completion</td> <td><input type="checkbox"/> Water Shut-Off</td> </tr> <tr> <td colspan="2"><input checked="" type="checkbox"/> Other <u>CHANGE OF OPERATOR</u></td> </tr> </table> <p>Approximate Date Work Will Start _____</p>		<input type="checkbox"/> Abandonment	<input type="checkbox"/> New Construction	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> Pull or Alter Casing	<input type="checkbox"/> Change of Plans	<input type="checkbox"/> Recompletion	<input type="checkbox"/> Conversion to Injection	<input type="checkbox"/> Shoot or Acidize	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Vent or Flare	<input type="checkbox"/> Multiple Completion	<input type="checkbox"/> Water Shut-Off	<input checked="" type="checkbox"/> Other <u>CHANGE OF OPERATOR</u>		<p align="center">SUBSEQUENT REPORT (Submit Original Form Only)</p> <table border="0"> <tr> <td><input type="checkbox"/> Abandonment</td> <td><input type="checkbox"/> New Construction</td> </tr> <tr> <td><input type="checkbox"/> Casing Repair</td> <td><input type="checkbox"/> Pull or Alter Casing</td> </tr> <tr> <td><input type="checkbox"/> Change of Plans</td> <td><input type="checkbox"/> Shoot or Acidize</td> </tr> <tr> <td><input type="checkbox"/> Conversion to Injection</td> <td><input type="checkbox"/> Vent or Flare</td> </tr> <tr> <td><input type="checkbox"/> Fracture Treat</td> <td><input type="checkbox"/> Water Shut-Off</td> </tr> <tr> <td colspan="2"><input type="checkbox"/> Other _____</td> </tr> </table> <p>Date of Work Completion _____</p> <p>Report results of Multiple Completions and Recompletions to different reservoirs on WELL COMPLETION OR RECOMPLETION AND LOG form. • Must be accompanied by a cement verification report.</p>	<input type="checkbox"/> Abandonment	<input type="checkbox"/> New Construction	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> Pull or Alter Casing	<input type="checkbox"/> Change of Plans	<input type="checkbox"/> Shoot or Acidize	<input type="checkbox"/> Conversion to Injection	<input type="checkbox"/> Vent or Flare	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Water Shut-Off	<input type="checkbox"/> Other _____	
<input type="checkbox"/> Abandonment	<input type="checkbox"/> New Construction																											
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<input checked="" type="checkbox"/> Other <u>CHANGE OF OPERATOR</u>																												
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<input type="checkbox"/> Casing Repair	<input type="checkbox"/> Pull or Alter Casing																											
<input type="checkbox"/> Change of Plans	<input type="checkbox"/> Shoot or Acidize																											
<input type="checkbox"/> Conversion to Injection	<input type="checkbox"/> Vent or Flare																											
<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Water Shut-Off																											
<input type="checkbox"/> Other _____																												

13. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

Roemer Oil Company took over operations from Hallwood/Quinoco on 10/1/90, with the effective date of the sale 7/1/90.

RECEIVED
JAN 04 1991
D. SANDBERG

14. I hereby certify that the foregoing is true and correct

Name & Signature

Diana Sandberg

Title Prod. Analyst

Date 12/28/90

(State Use Only)

Diana Sandberg

PHONE CONVERSATION DOCUMENTATION FORM

Route original/copy to:

☐ Well File _____☐ Suspense
(Return Date) _____
(To - Initials) _____☒ Other
OPERATOR CHANGE
FILE _____(Location) Sec _____ Twp _____ Rng _____
(API No.) _____1. Date of Phone Call: 1-8-91 Time: 1:332. DOGM Employee (name) L. ROMERO (Initiated Call ☒)
Talked to:Name JEANNA PAYNE (Initiated Call ☐) - Phone No. (303) 850-6322of (Company/Organization) QUINOCO3. Topic of Conversation: REQUEST FOR CHANGE OF OPERATOR DOCUMENTATION.(7 WELLS - SOLD TO ROEMER OIL COMPANY - EFF. 7-1-90) see attached**910904 interest
change only.*4. Highlights of Conversation: ORIGINAL CONTACT TO MS. PAYNE WAS ON 11-15-90, AT
WHICH TIME I WAS TOLD DOCUMENTATION WOULD BE SENT ASAP. SHE WILL MAKE SURE
THEY ARE SENT TO US ASAP. SHE ALSO STATED THAT QUINOCO CHANGED ITS COMPANY
NAME TO HALLWOOD PETROLEUM INC., AND WILL SEND COPY OF NAME CHANGE ALONG WITH
OPERATOR CHANGES.** ms. Payne said she will do today, and mail ASAP. (2-8-91)*** Received 2-22-91.*

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS, AND MINING

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals.)

1. OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>		5. LEASE DESIGNATION AND SERIAL NO. <u>UTU 38838A</u>
2. NAME OF OPERATOR <u>Roemer Oil Company</u>		6. IF INDIAN, ALLOTTEE OR TRIBE NAME
3. ADDRESS OF OPERATOR <u>1675 Broadway, Suite 2750 Denver, Colorado 80237</u>		7. UNIT AGREEMENT NAME
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements. See also space 17 below.) At surface		8. FARM OR LEASE NAME <u>REINAUER</u>
14. PERMIT NO. <u>42-019-30697</u>		9. WELL NO. <u>1-5</u>
15. ELEVATIONS (Show whether DT, RT, GA, etc.)		10. FIELD AND POOL, OR WILDCAT <u>BRVSON CANYON</u>
		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA <u>SEC 1-T175-R24E</u>
		12. COUNTY OR PARISH <u>GRAND</u>
		13. STATE <u>UT</u>

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF <input type="checkbox"/>	PULL OR ALTER CASING <input type="checkbox"/>	WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>	FRACTURE TREATMENT <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	ABANDON* <input type="checkbox"/>	SHOOTING OR ACIDIZING <input type="checkbox"/>	ABANDONMENT* <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	(Other) <input type="checkbox"/>	
(Other) <u>Change of Operator</u> <input checked="" type="checkbox"/>		(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)	

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.) *

Effective 7-1-90 Hallwood/Quinoco Petroleum, Inc. will no longer be operating the above well.

RECEIVED
FEB 22 1991

DIVISION OF
OIL, GAS & MINING

18. I hereby certify that the foregoing is true and correct

SIGNED

[Signature]

TITLE

Sr. Engineering Technician

DATE

12-6-90

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:



State of Utah

DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

Norman H. Bangerter
Governor

Dee C. Hansen
Executive Director

Dianne R. Nielson, Ph.D.
Division Director

355 West North Temple
3 Triad Center, Suite 350
Salt Lake City, Utah 84180-1203
801-538-5340

March 5, 1991

Roemer Oil Company
1675 Broadway, Suite 2750
Denver, Colorado 80202

Gentlemen:

Re: Operator Change, Quinoco Co. to Roemer Oil Company - Grand County, Utah

In reviewing the operator change for the referenced companies, it was determined that your company is not currently registered with the Utah Department of Commerce. This letter is written to advise you of your responsibility to register your company with the state prior to conducting business within Utah. This can be accomplished by contacting:

Department of Commerce
Division of Corporations
160 East 300 South
Salt Lake City, Utah 84111
(801) 530-4849

Sincerely,

Lisha Romero
Administrative Analyst

cc: Dept. of Commerce
D. T. Staley
R. J. Firth
Operator Change File
WE76

Hallwood Energy Companies

4582 South Ulster Street Parkway • Stanford Place III • Suite 1700 • Post Office Box 378111
Denver, Colorado 80237 • (303) 850-7373

March 8, 1991

State of Utah
Division of Gas & Mining
160 East Third Street
Salt Lake City, Utah 84134-0410

REC'D U.S.T.C. 210
MAR - 8 1991

Re: Utah A/C #N9477

Quinoco Petroleum, Inc. has changed its name to Hallwood Petroleum, Inc. Our offices have remained at 4582 South Ulster Street Parkway, Suite 1700, P. O. Box 378111, Denver, Colorado 80237.

I have enclosed documentation for our name change for your convenience. If you require further information please call me at (303) 856-6229.

Sincerely,

HALLWOOD PETROLEUM, INC.

Carol Edney

Carol Edney
Staff Accountant
Western District

CE/#9.set

cc: Brenda Tompkins

RECEIVED

MAR 22 1991

DIVISION OF
OIL GAS & MINING



355 West North Temple, 3 Triad Center, Suite 350, Salt Lake City, Ut
84180-1203. • (801-538-5340)

Page 1 of 2

MONTHLY OIL AND GAS PRODUCTION REPORT

Operator name and address:

• QUINOCO CO.
P O BOX 378111
DENVER CO 80237
ATTN: HOLLY RICHARDSON

Utah Account No. N9477

Report Period (Month/Year) 7 / 91

Amended Report ☐

Well Name	Producing	Days	Production Volume		
API Number Entity Location	Zone	Oper	Oil (BBL)	Gas (MSCF)	Water (BBL)
WESTBIT U-1					
4301915047 05215 16S 25E 10	WSTC		U-05010		
WESTBIT 2					
4301915048 05220 16S 25E 9	WSTC				
FEDERAL 6-14					
4301930462 06525 17S 25E 6	DKTA				
HOGLE USA 14-4					
4301930507 06535 17S 24E 14	DK-MR				
FEDERAL 6-7					
4301930516 06540 17S 25E 6	DKTA				
STATE 2-14					
4301930571 06560 17S 24E 2	CDMTN				
STATE 2-7					
4301930604 06565 17S 24E 2	DKTA		ML-27489		
STATE 36-14					
4301930605 06570 16S 24E 36	DKTA		ML-33908		
REINAUER 1-5					
4301930697 06575 17S 24E 1	DKTA		U-38838		
HOGLE 11-12L 1					
4301930701 06580 17S 24E 11	DKTA		SL-071172		
EDWARDS USA 12-2					
4301930702 06585 17S 24E 12	DKTA				
CALVINCO 31-12					
4301930704 06595 16S 25E 31	DKTA		U-13031	(910904 still Quinoco CP92 "C.A.")	
REINAUER 1-14					
4301930733 06600 17S 24E 1	DKTA		U-38838		
TOTAL					

Comments (attach separate sheet if necessary) * Interest change Quinoco to Roemer Oil Co. eff. 12-1-90.
(Not an operator change.) (910904 St. Lands/Bucky Awaiting add'l info.)

I have reviewed this report and certify the information to be accurate and complete.

Date _____

Authorized signature _____

Telephone _____

PLEASE COMPLETE FORMS IN BLACK INK

MONTHLY OIL AND GAS PRODUCTION REPORT

Operator name and address:

• QUINOCO CO.
P O BOX 378111
DENVER CO 80237
ATTN: HOLLY RICHARDSON

Utah Account No. N9477

Report Period (Month/Year) 7 / 91

Amended Report ☐

Well Name	Producing	Days	Production Volume		
API Number Entity Location	Zone	Oper	Oil (BBL)	Gas (MSCF)	Water (BBL)
WESTBIT U-1				*	
4301915047 05215 16S 25E 10	WSTC✓		U-05010		
WESTBIT 2					
4301915048 05220 16S 25E 9	WSTC✓		U-05010		
FEDERAL 6-14					
4301930462 06525 17S 25E 6	DKTA✓		U-38842		
HOGLE USA 14-4					
4301930507 06535 17S 24E 14	DK-MR✓		SL-071172		
FEDERAL 6-7					
4301930516 06540 17S 25E 6	DKTA✓		U-38842		
STATE 2-14					
4301930571 06560 17S 24E 2	CDMTN✓		ML-27489		
STATE 2-7				*	
4301930604 06565 17S 24E 2	DKTA✓		ML-37489		
STATE 36-14				*	
4301930605 06570 16S 24E 36	DKTA✓		ML-33908		
REINAUER 1-5				*	
4301930697 06575 17S 24E 1	DKTA✓		U-38838A		
HOGLE 11-12L 1				*	
4301930701 06580 17S 24E 11	DKTA✓		SL-071172		
EDWARDS USA 12-2					
4301930702 06585 17S 24E 12	DKTA✓		U-38030		
CALVINCO 31-12					
4301930704 06595 16S 25E 31	DKTA✓		U-13031	(910904 Still Quinoco CR92 "C.A.")	
REINAUER 1-14				*	
4301930733 06600 17S 24E 1	DKTA✓		U-38838A		
TOTAL					

Comments (attach separate sheet if necessary) ** Operator name from Quinoco to Hallwood Petroleum, Inc.
eff. 7-18-91. (910904 St. Lands / Becky awaiting additional documentation.)*

I have reviewed this report and certify the information to be accurate and complete. Date _____

Authorized signature _____

Telephone _____

** see oper. chg.
Hallwood to Northstar
eff 8-1-91.*

PLEASE COMPLETE FORMS IN BLACK INK

Entry No. 423842
Recorded 8-5-91 2:40 PM
Ex. 433 Pages 197 Fee 1800
Lilly Mae Noorlander

Westbit #1 Dietler 2-7
Tenneco St 36-14 Reinauer 1-5
Hogle 11-12 Calvinco 31-12
Reinauer 1-14
Grand County, Utah

Lilly Mae Noorlander

Recorder of Grand County

ASSIGNMENT AND BILL OF SALE

KNOW ALL MEN BY THESE PRESENTS:

THAT the undersigned, Roemer Oil Company, 1675 Broadway, Suite 2750, Denver, Colorado 80202, hereinafter called "Assignor", for a valuable consideration, the receipt and sufficiency of which are hereby acknowledged, does hereby sell, assign, transfer and set over unto, Northstar Gas Co., Inc., 15000 Northwest Freeway, Suite 203, Houston, Texas 77040, hereinafter called "Assignee", all of Assignor's right, title and interest in and to the oil and gas leases described on Exhibit "A", insofar as said leases cover the lands specifically described in connection therewith on said Exhibit "A", said lands being situated in Grand County, Utah, together with all of Assignor's interest in the well described on Exhibit "A" attached hereto, the production therefrom, and the personal property and improvements appurtenant to or used in connection with, or held for use or charged to the interests hereby conveyed, and all other appurtenances, including surface agreements, thereunto belonging to the extent attributable to the interests herein conveyed by Assignor and Assignee.

This Assignment and Bill of Sale and the interests hereby conveyed are made expressly subject to the following:

- (1) The terms, provisions and covenants of said lease and the provisions of all assignments under which Assignor holds title.
- (2) The terms and provisions of all presently existing contracts, agreements and instruments to the extent the same relate to any of the properties and interest hereinabove described.
- (3) Assignor makes no warranties or representations regarding the quality, condition and fitness for any particular use of the wells, equipment and personal property as to the undivided interest hereby conveyed to Assignee; and Assignee accepts all such wells, equipment and personal property in their present condition and assumes all responsibility, cost and liability associated therewith to the extent that the same shall accrue on or after the effective date of this Assignment and Bill of Sale.
- (4) Assignor makes no warranties or representations of any kind or character regarding title to the leasehold interests hereby assigned, except, by, through, or under Assignor's interest herein assigned.
- (5) Nothing to the contrary herein contained or referenced this Assignment and Bill of Sale shall be effective on July 1, 1991, at 7:00 a.m. M.S.T., regardless of the date it is actually executed and delivered.

EXECUTED this 31st day of July, 1991.

ASSIGNOR

ROEMER OIL COMPANY

BY: John F. Shil

ATTORNEY-IN-FACT



ATTEST:

BY: [Signature]

ASSIGNEE

NORTHSTAR GAS CO., INC.

BY: [Signature]

ACKNOWLEDGEMENTS

STATE OF COLORADO)

) SS.:

COUNTY OF DENVER)

On this 31st day of July, 1991, before me the undersigned a Notary Public, personally appeared Steven J. Swanson of Roemer Oil Company, to me personally known to be the Attorney-in-Fact and the identical person whose name is affixed to the above instrument, and acknowledged the execution thereof to be his voluntary act and deed.

Witness my hand and seal on the above mentioned date.

My Commission expires:

[Signature]
Notary Public

TEXAS

STATE OF ~~XXXX~~)

HARRIS)

SS.:

COUNTY OF ~~XXXX~~)

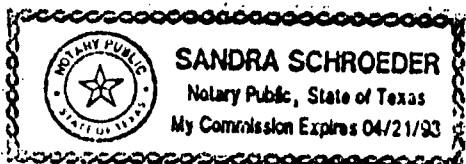
On this 2nd day of August, 1991, before me the undersigned a Notary Public, personally appeared Harry F. Dean of Northstar Gas Co., Inc. to me personally known to be the person and the identical person whose name is affixed to the above instrument, and acknowledged the execution thereof to be his voluntary act and deed.

Witness my hand and seal on the above mentioned date.

My Commission Expires:

[Signature]
Notary Public

4/23/91



Entry No. 423-41
Recorded 8-5-91 2:40 PM
Bk. 433 Pg. 188 Fee 20.00
Lilly Mae Nooflander

Lilly Mae Nooflander

Recorder of Grand County

Westbit #1
Tenneco State 36-14
Hogle 11-12
Reinauer 1-14
Grand County, Utah

Dietler 2-7
Reinauer 1-5
Calvinco 31-12

ASSIGNMENT AND BILL OF SALE

KNOW ALL MEN BY THESE PRESENTS:

THAT the undersigned, Lamar B. Roemer, John F. Sheridan and Steven J. Swanson, 1675 Broadway, Suite 2750, Denver, Colorado 80202; Alliance Income Fund 1990, Ltd., 10711 Park Village Place, Suite 250, Dallas, Texas 75230 and Lawrence I. Kravetz and Sydney A. Kravetz, 6300 S. Syracuse Way, Suite 560, Englewood, Colorado 80111, hereinafter called "Assignor", for a valuable consideration, the receipt and sufficiency of which are hereby acknowledged, does hereby sell, assign, transfer and set over unto; Roemer Oil Company, 1675 Broadway, Suite 2750, Denver, Colorado 80202, hereinafter called "Assignee", all of Assignor's right, title and interest in and to the oil and gas leases described on Exhibit "A", insofar as said leases cover the lands specifically described in connection therewith on said Exhibit "A", said lands being situated in Grand County, Utah together with all of Assignor's interest in the well described on Exhibit "A" attached hereto, the production therefrom, and the personal property and improvements appurtenant to or used in connection with, or held for use or charged to the interests hereby conveyed, and all other appurtenances, including surface agreements, thereunto belonging to the extent attributable to the interests herein conveyed by Assignor and Assignee.

This Assignment and Bill of Sale and the interests hereby conveyed are made expressly subject to the following:

- (1) The terms, provisions and covenants of said lease and the provisions of all assignments under which Assignor holds title.
- (2) The terms and provisions of all presently existing contracts, agreements and instruments to the extent the same relate to any of the properties and interest hereinabove described.
- (3) Assignor makes no warranties or representations regarding the quality, condition and fitness for any particular use of the wells, equipment and personal property as to the undivided interest hereby conveyed to Assignee; and Assignee accepts all such wells, equipment and personal property in their present condition and assumes all responsibility, cost and liability associated therewith to the extent that the same shall accrue on or after the effective date of this Assignment and Bill of Sale.
- (4) Assignor makes no warranties or representations of any kind or character regarding title to the leasehold interests hereby assigned, except, by, through, or under Assignor's interest herein assigned.
- (5) Nothing to the contrary herein contained or referenced this Assignment and Bill of Sale shall be effective on July 1, 1991, at 7:00 a.m. M.S.T., regardless of the date it is actually executed and delivered.

EXECUTED this 29th day of July, 1991.

Lamar B. Roemer
LAMAR B. ROEMER

Steven J. Swanson
STEVEN J. SWANSON

Lawrence I. Kravetz
LAWRENCE I. KRAVETZ

ASSIGNOR
John F. Sheridan
JOHN F. SHERIDAN

Sydney A. Kravetz
SYDNEY A. KRAVETZ

ATTEST:

BY:

ALLIANCE INCOME FUND 1990, LTD.

BY:

Albert J. ...
President of Alliance Income Fund 1990, Ltd.
General Partner

ASSIGNEE

ROEMER OIL COMPANY

BY:

Lamar B. Roemer
Lamar B. Roemer, President

ACKNOWLEDGEMENTS

STATE OF COLORADO)
COUNTY OF DENVER)

SS.:

BEFORE ME, the undersigned, on this 30th day of July, 1991, personally appeared Lamar B. Roemer, John F. Sheridan and Steven J. Swanson, to me known to be the identical persons who executed the within and foregoing instrument of writing and acknowledged to me that they duly executed the same as their free and voluntary act and deed.

Witness my hand and seal on the above mentioned date.
Commission Expires: 2-21-94

Donna A. Gray
Notary Public

STATE OF COLORADO)
COUNTY OF Apache)

SS.:

BEFORE ME, the undersigned, on this 29th day of July, 1991, personally appeared Lawrence I. Kravetz and Sydney A. Kravetz, to me known to be the identical persons who executed the within and foregoing instrument of writing and acknowledged to me that they duly executed the same as their free and voluntary act and deed.

Witness my hand and seal on the above mentioned date.
My Commission Expires: 5-5-93

Ginger L. Thomas
Notary Public

STATE OF TEXAS)
COUNTY OF Dallas)

SS.:

On this 26th day of July, 1991, before me the undersigned a Notary Public, personally appeared Brian ... of Alliance Income Fund 1990 Ltd., to me personally known to be the identical person whose name is affixed to the above instrument, and acknowledged the execution thereof to be his voluntary act and deed.

Witness my hand and seal the above mentioned date.
My Commission Expires: 8-17-93

Mary E. Easter
Notary Public

STATE OF COLORADO)
COUNTY OF DENVER)

SS.:

On this 30th day of July, 1991, before me the undersigned a Notary Public, personally appeared Lamar B. Roemer of Roemer Oil Company, to me personally known to be the President and the identical person whose name is affixed to the above instrument, and acknowledged the execution thereof to be his voluntary act and deed.

Witness my hand and Seal on the above mentioned date.

Commission expires: 2-21-94

Donna A. Gray
Notary Public

LE215 Reinauer 1-5
PROSPECT: UTAH WESTERN SLOPE
COUNTY: GRAYD
STATE: UTAH

EXHIBIT A
LEASE SCHEDULE

PAGE 1
23 AUG 1990

LEASE NO. BOOK, PAGE	LSE DATE EXP DATE	LESSOR NAME	LESSEE NAME	TOWNSHIP RANGE	SECTION	DESCRIPTION
900	12/20/77 12/31/87	BUREAU OF LAND MANAGEMENT USA U-38838	JEAN P REINAUER	17S 24E	1	Lots 1,2,3,4 S/2N/2

Insofar and only insofar as said lease pertains
to the following acreage:

Township 17 South - Range 24 East
Section 1: Lots 1,2,3,4, S/2N/2

LE215 Reinauer 1-5
PROSPECT: UTAH WESTERN SLOPE
COUNTY: GRAND
STATE: UTAH

EXHIBIT A
LEASE SCHEDULE

PAGE 1
23 AUG 1990

LEASE NO. BOOK, PAGE	LEASE DATE EXP DATE	LESSOR NAME	LESSEE NAME	TOWNSHIP RANGE	SECTION	DESCRIPTION
900	12/20/77 12/31/87	BUREAU OF LAND MANAGEMENT USA U-38838	JEAN P REINAUER	17S 24E	1	Lots 1,2,3,4 S/2N/2

Insofar and only insofar as said lease pertains
to the following acreage:

Township 17 South - Range 24 East
Section 1: Lots 1,2,3,4, S/2N/2

THE FOLLOWING METERS WILL HAVE CALIBRATION / SETTLEMENT TESTS RUN ON THE DATES INDICATED. STARTING TIME WILL BE 0800 OR AS SPECIFIED BELOW AND AT THE OFFICE OF THE NORTHWEST PIPELINE GRAND JUNCTION DISTRICT YOU WILL BE NOTIFIED SHOULD ANY CHANGES OCCUR IN THIS SCHEDULE. IF YOU HAVE ANY QUESTIONS ABOUT THE SCHEDULE, CONTACT OR WRITE THE DISTRICT OFFICE.

METER CODE	WELL NAME	LOC	RUN	DAY	MO/YR	STARTING TIME
93760016	FULLER USA #13-10	06	02	<u>3</u>	12/85	<u>0900</u>
93761014	FULLER USA #18-12	06	02	<u>3</u>	12/85	<u>1100</u>
92110010	FEDERAL #3-8 17S. 24E. 3	06	07	<u>7</u>	10/85	<u>0830</u>
92111016	FEDERAL #3-15 17S. 24E. 3	06	07	<u>7</u>	10/85	<u>0930</u>
92112012	FEDERAL #35-10 14S. 24E. 35	05	07	<u>7</u>	10/85	<u>1100</u>
92150011	FEDERAL #4-12 17S. 24E. 4	06	07	<u>8</u>	10/85	<u>0900</u>
92150013	WILSON USA #33-15 16S. 24E. 33	06	07	<u>8</u>	10/85	<u>1030</u>
92150014	BROWN USA #35-3 16S. 24E. 35	06	07	<u>8</u>	10/85	<u>1130</u>
92117014	FEDERAL #6-7 17S. 25E. 6	06	07	<u>6</u>	11/85	<u>0930</u>
92118010	FEDERAL #6-14 17S. 25E. 6	06	07	<u>6</u>	11/85	<u>0830</u>
92119017	FEDERAL #7-4 17S. 25E. 7	06	07	<u>4</u>	11/85	<u>1030</u>
92158012	DIETLER STATE #2-14 17S. 24E. 2	06	07	<u>7</u>	11/85	<u>0830</u>
92160017	STATE #36-14 14S. 24E. 34	06	07	<u>7</u>	11/85	<u>0930</u>
92180016	EDWARDS USA #12-9 17S. 24E. 12	06	07	<u>4</u>	11/85	<u>0930</u>
92180019	CALVINCO USA #31-12 16S. 25E. 31	06	07	<u>5</u>	11/85	<u>0830</u>
92190013	REINAUER #1-14 17S. 24E. 1	06	07	<u>5</u>	11/85	<u>0930</u>
92190010	REINAUER #1-5 17S. 24E. 1	06	07	<u>7</u>	11/85	<u>1030</u>
92231011	WINTER CAMP #7-14 17S. 25E. 7 ✓	06	07	<u>4</u>	11/85	<u>0830</u>



United States Department of the Interior

BUREAU OF LAND MANAGEMENT
Utah State Office
324 South State, Suite 301
Salt Lake City, Utah 84111-2303



IN REPLY REFER TO:

3100

U-38842

U-38838-A

U-38030

U-38033

U-05010

SI-071172

(U-942)

U-41374-CR176

AUG 6 1991

Memorandum

To: Assistant District Manager, Mineral Resources, Moab
From: Chief, Minerals Adjudication Section
Subject: Leases Affected by Corporate Name Change

Your memorandum of July 25, 1991, called to the attention of this office other leases you feel are affected by our ~~July 18, 1991~~ decision recognizing the corporate name change of Quinoco Petroleum, Inc. to Hallwood Petroleum, Inc. Our response is as follows:

The interest Quinoco Petroleum, Inc. held in leases SI-071172, U-05010, and U-38838-A was transferred to Roemer Oil Company effective December 1, 1990.

The interest held by Quinoco in leases U-38030, U-38033, and U-38842 is held by Quinoco Consolidated Partners, L.P., not Quinoco Petroleum, Inc. Please note that a decision recognizing that Quinoco Consolidated Partners, L.P. has changed its name to Hallwood Consolidated Partners, L.P. is currently being processed.

As for communitization agreements CR222 and CR176, our computer records show Ominex as the operator of CR222 and Hallwood as the operator of CR176.

Bureau of Land Management
Utah State Office
P. O. Box 45155
Salt Lake City, Utah 84145-0155

3100
U-10152-A,
et al.
(U-942)

AUG 6 1991

CERTIFIED MAIL--Return Receipt Requested

DECISION

Hallwood Consolidated Partners, L.P. : Oil and Gas Leases
P.O. Box 378111 : U-10152-A, et al.
Denver, CO 80237 :

Corporate Name Change Recognized

Acceptable evidence has been received by this office establishing that Quinoco Consolidated Partners, L.P. has changed its name to Hallwood Consolidated Partners, L.P. Accordingly, the surviving corporation is recognized as holding all interests in Federal oil and gas leases formerly held by Quinoco Consolidated Partners, L.P. A list of affected leases is enclosed. If other leases are affected by this name change, please notify this office immediately.

Bonding for Hallwood Consolidated Partners, L.P. is provided under nationwide bond No. B1729366 (BLM Bond No. MT0735).

/s/ ROBERT LOPEZ
Chief, Minerals
Adjudication Section

Enclosure
List of Affected Leases

cc: All District Offices, Utah
Accounts
MMS, AFS
U-920 (Attn: Teresa Thompson)

WJ EHM

U-10152-A
U-13371
U-13666
U-17455
U-25189
U-29641

4. 04 07555555



United States Department of the Interior

BUREAU OF LAND MANAGEMENT
Utah State Office
324 South State, Suite 301
Salt Lake City, Utah 84111-2303



IN REPLY REFER TO:

3100

U-38842

U-38838-A

U-38030

U-38033

U-05010

SL-071172

(U-942)

U-41344 (CR-176)

AUG 6 1991

Memorandum

To: Assistant District Manager, Mineral Resources, Moab

From: Chief, Minerals Adjudication Section

Subject: Leases Affected by Corporate Name Change

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Bureau of Land Management
Utah State Office
P. O. Box 45155
Salt Lake City, Utah 84145-0155

3100
U-10152-A,
et al.
(U-942)

AUG 6 1991

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P.O. Box 378111 : U-10152-A, et al.
Denver, CO 80237 :

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/s/ ROBERT LOPEZ
Chief, Minerals
Adjudication Section

Enclosure
List of Affected Leases

cc: All District Offices, Utah
Accounts
MMS, AFS
U-920 (Attn: Teresa Thompson)

WJH

LIST OF AFFECTED LEASES

U-10152-A
U-13371
U-13666
U-17455
U-25189
U-29641

U-30301
U-38030 -✓
U-38033 -✓
U-38842 -✓
U-39254
U-41374
U-62844

* Rec'd 6-7-91
Lr

Moab District
P. O. Box 970
Moab, Utah 84532

3160
(U-05010) ✓
(U-38838A)
(SL-071172)
(CR92)
(U-065)

NOV 20 1990

Roemer Oil Company
1675 Broadway, Suite 2750
Denver, Colorado 80237

Re: Change of Operator

Well and Lease or CA:

Hogle USA No. 11-12,
Reinaure Fed. No. 1-5,
Reinaure No. 1-14,
Wesbit No. 1
Calvinco No. 31-12

SL-071172
U-38838A
U-38838A
U-05010
CR92. * 910904 still Quinoco.

Gentlemen:

We have received your change of operator sundry notices for the above captioned wells, and some deficiencies exist.

Well No. Calvinco 31-12 is on communitization agreement (CA) CR92. Change of operator on CAs must be approved through the BLM, Utah State Office in Salt Lake City. You may contact Mickey Coulthard at (801) 539-4042 for specific information on how to change operatorship on a CA.

Change of operator for the remaining four wells can be approved through this office via sundry notice. The sundry notices must contain the following self certification statement: "Roemer Oil Company is responsible under the terms and conditions of the lease for operations conducted on the leased lands." In addition, the new operator must submit their BLM bond number to verify coverage of the operations.

Enclosed are the sundry notices you submitted. You may add the necessary information to the sundry notice for wells no. 1, 11-12, 1-5 and 1-14 and resubmit them.

If you should have any questions, please call Eric Jones at (801) 259-6111.

Sincerely yours,

/s/ WILLIAM C. STRINGER

Assistant District Manager
Mineral Resources

Enclosure:
As Stated Above

cc:
U-922, Utah State Office (M. Coulthard)

bcc:
Wang System Maintenance (Freudiger)(Delete)

EJones:caf:11/19/90 Wang 2831f

CAF

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS, AND MINING

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals.)

1. OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>		5. LEASE DESIGNATION AND SERIAL NO.
2. NAME OF OPERATOR Hallwood Petroleum, Inc.		6. IF INDIAN, ALLOTTEE OR TRIBE NAME
3. ADDRESS OF OPERATOR P.O. Box 378111 Denver, CO 80237		7. UNIT AGREEMENT NAME
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface		8. FARM OR LEASE NAME
14. PERMIT NO.		9. WELL NO.
15. ELEVATIONS (Show whether OF, AT, OR, etc.)		10. FIELD AND POOL, OR WILDCAT
		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
		12. COUNTY OR PARISH
		13. STATE

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF <input type="checkbox"/>	PULL OR ALTER CASING <input type="checkbox"/>	WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>	FRACTURE TREATMENT <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	ABANDON* <input type="checkbox"/>	SHOOTING OR ACIDIZING <input type="checkbox"/>	ABANDONMENT* <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	(Other) <input type="checkbox"/>	(Other) <input type="checkbox"/>

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

Effective 7/1/90 the following wells were sold to Roemer Oil Company.

Well Name	Federal Lease #	Utah Lease #
Wesbit #1 42-019-15047 <i>Sec. 10 165 T25E</i>	UTU5010	05215
Deitler 2-7	N/A	06565
Reinauer 1-5 42-019-30697	UTU38838A <i>Sec. 1, T17S, R24E</i>	06575
Hogle USA 11-12	UT071172	06580
Calvinco 31-12 42-019-30704	CR92 <i>Sec. 31, T16S, R25E</i>	06595
Reinauer 1-14 42-019-30733	UTU38838A <i>Sec. 1, T17S, R24E</i>	06600
Tenneco State 36-14	C6570	06570

RECEIVED

AUG 19 1991

DIVISION OF
OIL GAS & MINING

18. I hereby certify that the foregoing is true and correct

SIGNED Debi Sheelu TITLE Sr. Engineering Technician DATE 8/16/91

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____
CONDITIONS OF APPROVAL, IF ANY:

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

6. Lease Designation and Serial Number

UTU 38838A

7. Indian Allottee or Tribe Name

8. Unit or Communitization Agreement

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, deepen existing wells, or to reenter plugged and abandoned wells.
Use APPLICATION FOR PERMIT— for such proposals

1. Type of Well

☐

Oil Well

☒

Gas Well

☐

Other (specify)

2. Name of Operator

NORTHSTAR GAS COMPANY INC.

3. Address of Operator

15000 N.W. FWY. SUITE 203, HOUSTON TX 77040

4. Telephone Number

(713) 937-4314

9. Well Name and Number

REINAUER FED 1-5

10. API Well Number

4301930697

11. Field and Pool, or Wildcat

BRYSON CANYON

5. Location of Well

Footage : 5277' at 503' 1" 100'
QQ, Sec. T., R., M. : S1SWNW T17S R24E

County : GRAND

State : UTAH

12. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

NOTICE OF INTENT (Submit in Duplicate)

- | | |
|---------------------------------------------------------------------|-----------------------------------------------|
| <input type="checkbox"/> Abandonment | <input type="checkbox"/> New Construction |
| <input type="checkbox"/> Casing Repair | <input type="checkbox"/> Pull or Alter Casing |
| <input type="checkbox"/> Change of Plans | <input type="checkbox"/> Recompletion |
| <input type="checkbox"/> Conversion to Injection | <input type="checkbox"/> Shoot or Acidize |
| <input type="checkbox"/> Fracture Treat | <input type="checkbox"/> Vent or Flare |
| <input type="checkbox"/> Multiple Completion | <input type="checkbox"/> Water Shut-Off |
| <input checked="" type="checkbox"/> Other <u>CHANGE OF OPERATOR</u> | |

Approximate Date Work Will Start _____

SUBSEQUENT REPORT (Submit Original Form Only)

- | | |
|--------------------------------------------------|-----------------------------------------------|
| <input type="checkbox"/> Abandonment * | <input type="checkbox"/> New Construction |
| <input type="checkbox"/> Casing Repair | <input type="checkbox"/> Pull or Alter Casing |
| <input type="checkbox"/> Change of Plans | <input type="checkbox"/> Shoot or Acidize |
| <input type="checkbox"/> Conversion to Injection | <input type="checkbox"/> Vent or Flare |
| <input type="checkbox"/> Fracture Treat | <input type="checkbox"/> Water Shut-Off |
| <input type="checkbox"/> Other _____ | |

Date of Work Completion _____

Report results of Multiple Completions and Recompletions to different reservoirs on WELL COMPLETION OR RECOMPLETION AND LOG form.

* Must be accompanied by a cement verification report.

13. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

NORTHSTAR GAS COMPANY INC. TOOK OVER OPERATIONS FROM ROEMER OIL COMPANY
EFFECTIVE 08-01-91 WITH THE DATE OF SALE 07-01-91

RECEIVED

AUG 29 1991

DIVISION OF
OIL GAS & MINING

14. I hereby certify that the foregoing is true and correct

Name & Signature

Title

Sec./Treas.

Date 08-26-91

(State Use Only) Paul A. Bernard Jr.

Division of Oil, Gas and Mining
PHONE CONVERSATION DOCUMENTATION FORM

Route original/copy to:

☐ **Well File** _____
(Location) Sec ____ Twp ____ Rng ____
(API No.) _____

☐ **Suspense**
(Return Date) _____
(To - Initials) _____

☒ **Other**
OPERATOR CHANGE
FILE _____

1. Date of Phone Call: 9-4-91 Time: 3:40

2. DOGM Employee (name) L. ROMERO (Initiated Call ☒
Talked to:

Name DIANA SANDBERG (Initiated Call ☐ - Phone No. (303) 592-4341
of (Company/Organization) ROEMER OIL COMPANY

3. Topic of Conversation: CHANGE OF OPERATOR FROM ROEMER TO NORTHSTAR GAS CO.

4. Highlights of Conversation: THE WELLS IN QUESTION (SEE ATTACHED) WERE SOLD TO
ROEMER OIL COMPANY FROM QUINOCO CO. EFFECTIVE 7-1-90, HOWEVER THE PAPERWORK
WAS NOT COMPLETED UNTIL 10-1-90. QUINOCO STOPPED REPORTING TO MMS/PRODUCTION
AS OF SEPTEMBER 1990. ROEMER STARTED REPORTING TO MMS/PRODUCTION AS OF OCTOBER
1990. ROEMER ALSO STARTED REPORTING CONSERVATION & SEVERANCE TAX AS OF 10-1-90.
THE BLM/MOAB NEVER OFFICIALLY ACCEPTED THE CHANGE OF OPERATOR BECAUSE ROEMER OIL
COMPANY DID NOT POST BOND COVERAGE AND HAS BEEN TRYING TO SELL THE PROPERTIES
SINCE THE TIME OF PURCHASE. EFFECTIVE 8-1-91 ROEMER SOLD THE WELLS TO NORTHSTAR
GAS COMPANY AND SAYS THAT NORTHSTAR HAS POSTED BOND COVERAGE. ROEMER WILL SUBMIT
DOCUMENTATION TO THAT EFFECT.

PHONE CONVERSATION DOCUMENTATION FORM

Route original/copy to:

☐ Well File _____☐ Suspense
(Return Date) _____
(To - Initials) _____☒ Other
OPERATOR CHANGE
FILE _____

(Location) Sec____Twp____Rng____

(API No.) _____

1. Date of Phone Call: 9-4-91 Time: 3:40

2. DOGM Employee (name) L. ROMERO (Initiated Call ☒)
Talked to:Name DIANA SANDBERG (Initiated Call ☐) - Phone No. (303) 592-4341

of (Company/Organization) ROEMER OIL COMPANY

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4. Highlights of Conversation: THE WELLS IN QUESTION (SEE ATTACHED) WERE SOLD TO ROEMER OIL COMPANY FROM QUINOCO CO. EFFECTIVE 7-1-90, HOWEVER THE PAPERWORK WAS NOT COMPLETED UNTIL 10-1-90. QUINOCO STOPPED REPORTING TO MMS/PRODUCTION AS OF SEPTEMBER 1990. ROEMER STARTED REPORTING TO MMS/PRODUCTION AS OF OCTOBER 1990. ROEMER ALSO STARTED REPORTING CONSERVATION & SEVERANCE TAX AS OF 10-1-90. THE BLM/MOAB NEVER OFFICIALLY ACCEPTED THE CHANGE OF OPERATOR BECAUSE ROEMER OIL COMPANY DID NOT POST BOND COVERAGE AND HAS BEEN TRYING TO SELL THE PROPERTIES SINCE THE TIME OF PURCHASE. EFFECTIVE 8-1-91 ROEMER SOLD THE WELLS TO NORTHSTAR GAS COMPANY AND SAYS THAT NORTHSTAR HAS POSTED BOND COVERAGE. ROEMER WILL SUBMIT DOCUMENTATION TO THAT EFFECT.

Division of Oil, Gas and Mining
PHONE CONVERSATION DOCUMENTATION FORM

Route original/copy to:

☐ **Well File** _____
(Location) Sec _____ Twp _____ Rng _____
(API No.) _____

☐ **Suspense**
(Return Date) _____
(To - Initials) _____

☒ **Other**
OPERATOR CHANGE
FILE. _____

1. Date of Phone Call: 9-5-91 Time: 11:00

2. DOGM Employee (name) L. ROMERO (Initiated Call ☒
Talked to:

Name VERLENE BUTTS (Initiated Call ☐ - Phone No. (801) 259-2152
of (Company/Organization) BLM/MOAB

3. Topic of Conversation: OPERATOR CHANGE "HALLWOOD PETROLEUM, INC. TO NORTHSTAR
GAS COMPANY INC."

4. Highlights of Conversation: THE BLM/MOAB APPROVED THE CHANGE OF OPERATOR FROM
HALLWOOD PETROLEUM, INC. TO NORTHSTAR GAS COMPANY INC. ON 9-4-91 EFFECTIVE
8-1-91. THE LEASES AND WELLS INVOLVED ARE AS FOLLOWS:

U-38838A -REINAUER 1-14 43-019-30733

~~REINAUER~~ 1-5 43-019-30697

U-05010 -WESTBIT U 1 43-019-15047

SL-071172 -HOGLE 11-12L 43-019-30701

*APPROVED COPIES FROM THE BLM WILL BE MAILED OR FAXED.

(ROEMER OIL COMPANY WAS NEVER RECOGNIZED AS OPERATOR OF THESE WELLS)

*LEASE U-13031/CR92 "C.A." (CALVINCO 31-12/43-019-30704) STILL QUINOCO CO.

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

6. Lease Designation and Serial Number

UTU 38838A

7. Indian Allottee or Tribe Name

8. Unit or Communitization Agreement

9. Well Name and Number

Reinauer 1-5

10. API Well Number

43-019-30697

11. Field and Pool, or Wildcat

Bryson

1. Type of Well

☐ Oil Well ☒ Gas Well ☐ Other (specify)

2. Name of Operator

Roemer Oil Company

3. Address of Operator

1675 Broadway, Suite 2750, Denver, CO 80202

4. Telephone Number

(303) 592-4341

5. Location of Well

Footage 1540' FNL, 810' FWL

CO. Sec. T., R., M. : SW NW 1-T17S-R24E

County : Grand

State : UTAH

12. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

NOTICE OF INTENT
(Submit in Duplicate)

- | | |
|--------------------------------------------------|-----------------------------------------------|
| <input type="checkbox"/> Abandonment | <input type="checkbox"/> New Construction |
| <input type="checkbox"/> Casing Repair | <input type="checkbox"/> Pull or Alter Casing |
| <input type="checkbox"/> Change of Plans | <input type="checkbox"/> Recompletion |
| <input type="checkbox"/> Conversion to Injection | <input type="checkbox"/> Shoot or Acidize |
| <input type="checkbox"/> Fracture Treat | <input type="checkbox"/> Vent or Flare |
| <input type="checkbox"/> Multiple Completion | <input type="checkbox"/> Water Shut-Off |
| <input type="checkbox"/> Other _____ | |

Approximate Date Work Will Start _____

SUBSEQUENT REPORT
(Submit Original Form Only)

- | | |
|--------------------------------------------------------------|-----------------------------------------------|
| <input type="checkbox"/> Abandonment | <input type="checkbox"/> New Construction |
| <input type="checkbox"/> Casing Repair | <input type="checkbox"/> Pull or Alter Casing |
| <input type="checkbox"/> Change of Plans | <input type="checkbox"/> Shoot or Acidize |
| <input type="checkbox"/> Conversion to Injection | <input type="checkbox"/> Vent or Flare |
| <input type="checkbox"/> Fracture Treat | <input type="checkbox"/> Water Shut-Off |
| <input checked="" type="checkbox"/> Other CHANGE OF OPERATOR | |

Date of Work Completion _____

Report results of Multiple Completions and Recompletions to different reservoirs on WELL COMPLETION OR RECOMPLETION AND LOG form.

* Must be accompanied by a cement verification report.

13. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

Effective 8/1/91, Northstar Gas Company purchased Roemer's interest and took over operations of this well.

Northstar Gas Company, Inc.
15000 Northwest Freeway, Suite 203
Houston, TX 77040
(713) 937-4314

RECEIVED

SEP 09 1991

DIVISION OF
OIL GAS & MINING

14. I hereby certify that the foregoing is true and correct

Name & Signature

Diana Sandberg

Title

Prod. Analyst

Date 9/4/91

(State Use Only)

Division of Oil, Gas and Mining
OPERATOR CHANGE WORKSHEET

Routing:

1- LCR	<input checked="" type="checkbox"/>
2- DTS	<input checked="" type="checkbox"/>
3- VLC	<input checked="" type="checkbox"/>
4- RJF	<input checked="" type="checkbox"/>
5- RWM	<input checked="" type="checkbox"/>
6- LCR	<input checked="" type="checkbox"/>

Attach all documentation received by the division regarding this change.
Initial each listed item when completed. Write N/A if item is not applicable.

☒ Change of Operator (well sold) ☐ Designation of Agent
☐ Designation of Operator ☐ Operator Name Change Only

The operator of the well(s) listed below has changed (EFFECTIVE DATE: 8-1-91)

TO (new operator) NORTHSTAR GAS COMPANY INC.
(address) 15000 N.W. FWY, SUITE 203
HOUSTON, TX 77040
PAUL BERNARD
phone (713) 937-4314
account no. N6680 (9-11-91)

FROM (former operator) HALLWOOD PETROLEUM, INC.
(address) P. O. BOX 378111
DENVER, CO 80237
DEBI SHEELY
phone (303) 850-6322
account no. N5100

Well(s) (attach additional page if needed):

Name: <u>WESTBIT U 1/WSTC</u>	API: <u>43-019-15047</u>	Entity: <u>05215</u>	Sec: <u>10</u> Twp: <u>16S</u> Rng: <u>25E</u>	Lease Type: <u>U-05010</u>
Name: <u>STATE 2-7/DKTA</u>	API: <u>43-019-30604</u>	Entity: <u>06565</u>	Sec: <u>2</u> Twp: <u>17S</u> Rng: <u>24E</u>	Lease Type: <u>ML-2748</u>
Name: <u>STATE 36-14/DKTA</u>	API: <u>43-019-30605</u>	Entity: <u>06570</u>	Sec: <u>36</u> Twp: <u>16S</u> Rng: <u>24E</u>	Lease Type: <u>ML-3390</u>
Name: <u>REINAUER 1-5/DKTA</u>	API: <u>43-019-30697</u>	Entity: <u>06575</u>	Sec: <u>1</u> Twp: <u>17S</u> Rng: <u>24E</u>	Lease Type: <u>U-38838</u>
Name: <u>HOGLE 11-12L 1/DKTA</u>	API: <u>43-019-30701</u>	Entity: <u>06580</u>	Sec: <u>11</u> Twp: <u>17S</u> Rng: <u>24E</u>	Lease Type: <u>SL-0711</u>
Name: <u>REINAUER 1-14/DKTA</u>	API: <u>43-019-30733</u>	Entity: <u>06600</u>	Sec: <u>1</u> Twp: <u>17S</u> Rng: <u>24E</u>	Lease Type: <u>U-38838</u>
Name: _____	API: _____	Entity: _____	Sec: _____ Twp: _____ Rng: _____	Lease Type: _____

OPERATOR CHANGE DOCUMENTATION

- 1 1. (Rule R615-8-10) Sundry or other legal documentation has been received from former operator (Attach to this form). (Reg. 9-4-91) (Rec'd 9-9-91)
- 2 2. (Rule R615-8-10) Sundry or other legal documentation has been received from new operator (Attach to this form). (Rec'd 8-29-91)
- 3 3. The Department of Commerce has been contacted if the new operator above is not currently operating any wells in Utah. Is company registered with the state? (yes/no) yes If yes, show company file number: #144214.
- 4 4. (For Indian and Federal Wells ONLY) The BLM has been contacted regarding this change (attach Telephone Documentation Form to this report). Make note of BLM status in comments section of this form. Management review of Federal and Indian well operator changes should take place prior to completion of steps 5 through 9 below.
- 5 5. Changes have been entered in the Oil and Gas Information System (Wang/IBM) for each well listed above. (9-12-91)
- 6 6. Cardex file has been updated for each well listed above. (9-12-91)
- 7 7. Well file labels have been updated for each well listed above. (9-12-91)
- 8 8. Changes have been included on the monthly "Operator, Address, and Account Changes" memo for distribution to State Lands and the Tax Commission. (9-12-91)
- 9 9. A folder has been set up for the Operator Change file, and a copy of this page has been placed there for reference during routing and processing of the original documents.

ENTITY REVIEW

1. (Rule R615-8-7) Entity assignments have been reviewed for all wells listed above. Were entity changes made? (yes/no) no (If entity assignments were changed, attach copies of Form 6, Entity Action Form).
2. State Lands and the Tax Commission have been notified through normal procedures of entity changes.

ID VERIFICATION (Fee wells only)

1. (Rule R615-3-1) The new operator of any fee lease well listed above has furnished a proper bond.
2. A copy of this form has been placed in the new and former operators' bond files.
3. The former operator has requested a release of liability from their bond (yes/no) no.
Today's date 9-13-91 1991. If yes, division response was made by letter dated 9-13-91 1991.

LEASE INTEREST OWNER NOTIFICATION RESPONSIBILITY

1. (Rule R615-2-10) The former operator/lessee of any fee lease well listed above has been notified by letter dated 9-13-91 1991, of their responsibility to notify any person with an interest in such lease of the change of operator. Documentation of such notification has been requested.
2. Copies of documents have been sent to State Lands for changes involving State leases.

MING

1. All attachments to this form have been microfilmed. Date: 9-13-91 1991.

ING

1. Copies of all attachments to this form have been filed in each well file.
2. The original of this form and the original attachments have been filed in the Operator Change file.

MENTS

910905 Btm/moab Approved on 9-4-91 effective 8-1-91. (see phone documentation)
910905 St. Lands/Becky Awaiting additional info.

Division of Oil, Gas and Mining OPERATOR CHANGE WORKSHEET

Routing:

1- LCR	<i>file</i>
2- DES	
3- VLC	<i>✓</i>
4- RJF	<i>✓</i>
5- RWM	<i>✓</i>
6- LCR	<i>file</i>

Attach all documentation received by the Division regarding this change.
Initial each listed item when completed. Write N/A if item is not applicable.

☒ Change of Operator (well sold) ☐ Designation of Agent
☒ Designation of Operator ☒ ~~XXX~~ Operator Name Change Only "MERGER"

The operator of the well(s) listed below has changed (EFFECTIVE DATE: 7-18-91)

TO (new operator)	<u>HALLWOOD PETROLEUM, INC.</u>	FROM (former operator)	<u>QUINOCO CO.</u>
(address)	<u>P. O. BOX 378111</u>	(address)	<u>P. O. BOX 378111</u>
	<u>DENVER, CO 80237</u>		<u>DENVER, CO 80237</u>
	<u>DEBI SHEELY</u>		<u>DEBI SHEELY</u>
	<u>phone (303) 850-6322</u>		<u>phone (303) 850-6322</u>
	<u>account no. N 5100 (3-5-91)</u>		<u>account no. N 9477</u>

Well(s) (attach additional page if needed):

*Also see Hallwood to Northstar
oper. chg. eff 8-1-91*

Name: <u>(SEE ATTACHMENT)</u>	API: _____	Entity: _____	Sec _____	Twp _____	Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____	Twp _____	Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____	Twp _____	Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____	Twp _____	Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____	Twp _____	Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____	Twp _____	Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____	Twp _____	Rng _____	Lease Type: _____

OPERATOR CHANGE DOCUMENTATION

- See* 1. (Rule R615-8-10) Sundry or other legal documentation has been received from former operator (Attach to this form).
- See* 2. (Rule R615-8-10) Sundry or other legal documentation has been received from new operator (Attach to this form). *(Same)*
- See* 3. The Department of Commerce has been contacted if the new operator above is not currently operating any wells in Utah. Is company registered with the state? (yes)/no) ____ If yes, show company file number: #110236.
- See* 4. (For Indian and Federal Wells ONLY) The BLM has been contacted regarding this change (attach Telephone Documentation Form to this report). Make note of BLM status in comments section of this form. Management review of Federal and Indian well operator changes should take place prior to completion of steps 5 through 9 below.
- See* 5. Changes have been entered in the Oil and Gas Information System (Wang/IBM) for each well listed above. *(9-6-91)*
- See* 6. Cardex file has been updated for each well listed above. *(9-6-91)*
- See* 7. Well file labels have been updated for each well listed above. *(9-6-91)*
- See* 8. Changes have been included on the monthly "Operator, Address, and Account Changes" memo for distribution to State Lands and the Tax Commission. *(9-6-91)*
- See* 9. A folder has been set up for the Operator Change file, and a copy of this page has been placed there for reference during routing and processing of the original documents.

ENTITY REVIEW

1. (Rule R615-8-7) Entity assignments have been reviewed for all wells listed above. Were entity changes made? (yes/no) no (If entity assignments were changed, attach copies of Form 6, Entity Action Form).
2. State Lands and the Tax Commission have been notified through normal procedures of entity changes.

BOND VERIFICATION (Fee wells only)

1. (Rule R615-3-1) The new operator of any fee lease well listed above has furnished a proper bond.
2. A copy of this form has been placed in the new and former operators' bond files.
3. The former operator has requested a release of liability from their bond (yes/no) _____. Today's date _____ 19____. If yes, division response was made by letter let dated _____ 19____.

LEASE INTEREST OWNER NOTIFICATION RESPONSIBILITY

1. (Rule R615-2-10) The former operator/lessee of any fee lease well listed above has been notified by letter dated _____ 19____, of their responsibility to notify any person with an interest in such lease of the change of operator. Documentation of such notification has been requested.
notification sent to Ed Benner for State 2-14 (43-019-30571) and State 16-4 (43-019-30433).
2. Copies of documents have been sent to State Lands for changes involving State leases.
** See Hallwood to Northstar oper. chg. ch. 8-1-91*

MICROFILMING

1. All attachments to this form have been microfilmed. Date: Sept 16 1991.

INDEXING

1. Copies of all attachments to this form have been filed in each well file.
2. The original of this form and the original attachments have been filed in the Operator Change file.

REMARKS

910904 Btm/MOAB Confirmed change of operator "merger" from Quinoco to Hallwood. All wells except for 43-019-30704 / Calvinco 31-12 "CR92 C.A." which is still considered Quinoco.